The Influence Of Social Media
On Mental Health Of Youth

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Abstract

An intelligent PC intervened innovation is web-based entertainment which empowers clients to create and appropriate information coming about because of online exercises, data, thoughts, computerized photos, and recordings. The essential objective of the venture is to explore what youth emotional well-being is meant for by online entertainment inclusion and utilization. This study conducted a systematic review of 200 respondents for Quantitative Data and 51 students is considered for Qualitative Data involved in the understudies of mental health of youth . The significance of purposeful testing, an essential overview, and an essential examination are referenced here appropriately. Besides, a survey set of five likert and segment questions has been produced to examine the exploration goals. Youths' mental health is significantly impacted by both social media participation and consumption. The greater R-squared value suggests that the association is stronger for social media participation, though. As per information from a few cross-sectional, longitudinal, and experimental examination, high schooler cell phone and social media use is connected to an expansion in mental pain, self-hurting ways of behaving, and suicidality.

Keywords: Social Media , Mental health, Adolescents, Depression, Anxiety.

INTRODUCTION

Youngsters today have unrivalled admittance to computerized data by means of a scope of gadgets, for example, mobile phones, tablets, PCs, workstations, and gaming frameworks. The media scene today is bigger and more broadened than at any other time in recent memory. Social media is a significant piece of this environment. In its most stretched-out sense, social media alludes to any advanced program or programming that empowers clients to take part in social collaboration. Almost half (46%) of US teenagers utilize the web "almost persistently" in 2018, up from 24% in 2015 (Children, 2012). The developing utilization of computerized media has established a complicated climate for kids, guardians, clinical specialists, and lawmakers to explore. The current media landscape poses new risks and concerns for children's mental health, but it also offers some promising new opportunities. (Anderson M, 2018). As per research, social media might urge youth to embrace negative mentalities and ways of behaving (Rajamohan S, 2019). Media types, including computerized stages and intelligent collaboration, alluded to as social media, incorporate email, message, online journals, message sheets, dating applications, association locales, games, and social systems administration destinations (J., 2014). Social systems administration stages were created to permit online discussion and data trade, which has filled in prevalence throughout the past ten years. Youth use no less than one of the accompanying seven social systems administration destinations with a 97% rate among all youngsters matured 13 to 17 (Center., 2018). While the evidence isn't very strong and there are certain places where the conclusions are questionable (such as the link between screen time and mental health difficulties) (Keles, 2020).

Puberty is when adolescence closures and adulthood starts, and here character and development occur. Various physical and mental changes happen during this stage (Csikszentmihalyi, 2020). Anybody, even young people, can profit from having great mental health (NIMH). As indicated by the World Health Association, early puberty and late adolescence are the times when mental health issues first manifest (WHO., 2019). Ten to a fifth of children and teens overall experience mental health issues. The (Foundation, 2018) and (Stansfeld, 2016) both express that depression and summed up anxiety jumble are more normal in kids and youngsters. The internet has been energetically gotten in India. India currently has more than 680 million dynamic internet clients, a sharp increment throughout the course of recent years. Beginning with straightforward emails, a monstrous computerized universe with different social systems administration behemoths like Google, Facebook, and Twitter has arisen. It is currently a regular reality for a great many Indians (Keelery., 2020). Social media is perhaps of the most well-known internet based action today. In

2020, 3.6 billion people overall are supposed to use social media (J. Clement, 2020). India represented 574 million of the world's dynamic Internet clients starting around 2019. As far as internet clients, India comes in runner up to China. Indian internet clients went through 2.4 hours every day and 17 hours out of each week on social media locales, contrasted with the worldwide normal of 2.4 hours (Krishnan., 2019). In India, there will be 639 million dynamic internet clients toward the finish of 2020. Clients of mobile telephones represent 97% of all internet clients in India. Young ladies offset young men in this age bunch, where 66% of Internet clients in India are between the ages of 12 and 29. The Internet and Mobile Association of India (IAMAI) cited Worldwide Web Record (SANNAM S4, 2008).

Social media, a worldwide peculiarity, is an intelligent PC mediated innovation that empowers clients to make and share information from online exercises, as well as data, thoughts, computerized photos, and recordings. (Geetha, 2018). Right now, most of individuals utilize various social media stages for social systems administration (Facebook, LinkedIn, and Google+), microblogging (Twitter, Tumbler), photograph and video sharing (Instagram, Snapchat, Pinterest), and different purposes (Bhardwaj A., 2017). Between the ages of 18 and 24, 78% of Snapchat clients fall into this class, contrasted with 71% of Instagram clients and 68% of Facebook clients. Conversely, just 46% of individuals use Twitter, while 94% of those between the ages of 18 and 24 use YouTube. (center, 2015)Social media use is a typical piece of life for internet clients. Teens' utilization of social media, notwithstanding, has various advantages. Adolescents can foster their social abilities and correspondence gifts through social media. Adolescents can meet new individuals, share thoughts and advanced photographs, track down new side interests, and examination with different sorts of articulation utilizing social media stages and applications. Youth can utilize it to obtain the center social and specialized abilities expected for outcome in contemporary society. Most children utilize social media to expand their in-person companionships and social associations from sports, different exercises, or school into the virtual world. Rather than essentially meeting new individuals, they are currently fortifying their relationship. Dependence on social media puts adolescents' mental and actual health at impressive gamble. Young people use social media to connect with others, yet this correlation based culture often adversely affects their mental health. Teens who are subject to social media destinations like Snapchat, Facebook, Twitter, Instagram, and WhatsApp are bound to experience the ill effects of pessimistic aftereffects like eye fatigue, social withdrawal, lack of sleep, burdensome and restless sentiments, forlornness, unfortunate self-

perception, cyberbullying, and low confidence, as per a few investigations.

Social Media

Lately, People's lives are intertwined with their social media accounts; many users log in to their accounts many times every day. Therefore, many scholars and professionals investigate the effects of social media and apps on people's personal and professional life (Bartosik-Purgat M, 2017). Furthermore, in 2019, there are 3.484 billion social media users worldwide, a rise of 9% over 2018 (Newman N F. R., 2020) (Petrosino A, 2001)- (Youth., 2017). The stage-by-stage distribution of global social media viewers' orientation in January 2020 is depicted in Figure 1Women used LinkedIn and Facebook more often. Social media affects many people's daily life. While social media certainly has its share of amazing benefits, it also has the potential to exacerbate psychological difficulties. Previous research found that age had no effect, but that young women were more likely than young men to have mental health concerns (Iannotti RJ, 2009), (J).
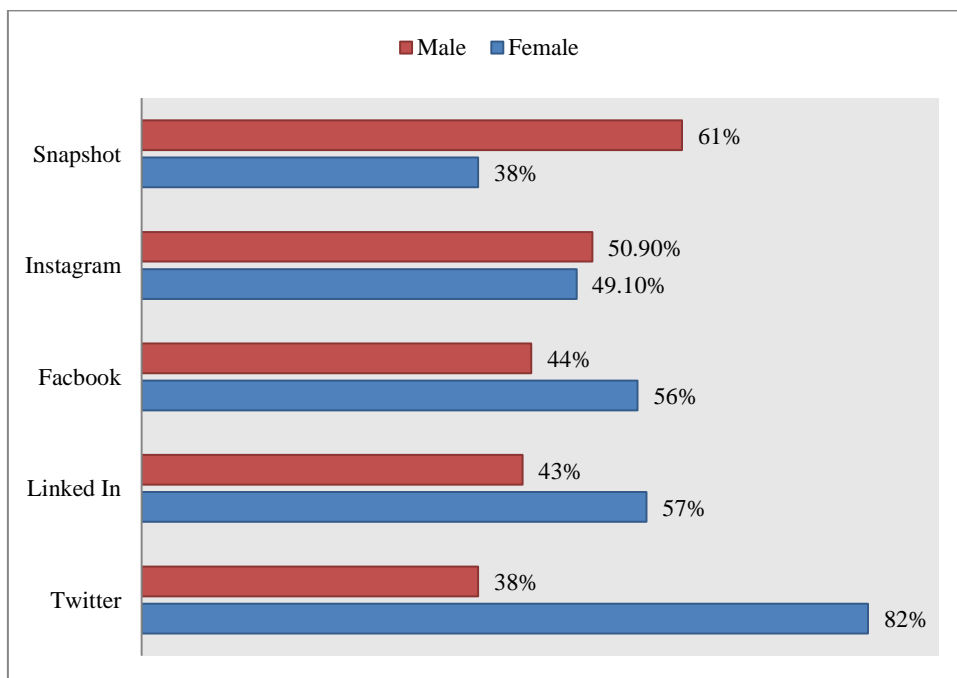

Figure 1 Global social media audience gender distribution as of January 2020, classified by platform (Iannotti 2021)

Reasonably, gathering the ways of behaving and designs under a solitary word misses the way that everyone serves a special capability and produces a novel outcome. At the point when computerized innovation is seen as a nonexclusive action, its numerous variations are dismissed. Considering this, it is vital to recognize that automated advancement influences adolescents' administration help with various

ways (Przybylski AK, 2020). This definite weakness is exacerbated by the setback of checked pointers for development use. These self-reports are used the mind boggling larger piece of the time. Self-reports have been exhibited to be dishonest and of low authenticity in light of their immaterial association with genuine assessments of advancement use (Boase J, 2013). The similitudes between self-detailed cell phone use examples and utilization that is seen by others are negligible, best case scenario. Results from self-reports and objective estimations are same while contrasting internet utilization overall. It is less exact to bunch all mechanical use under one social class, however estimating this conduct classification as a whole is likewise less exact. To get at rightness, we should investigate the impacts of various applications, in a perfect not entirely set in stone by science (M., 2016).

Various specialists have contended that utilizing social media hurtfully affects one's mental health, but the results of this examination have as a rule been cloudy. Studies are being embraced progressively much of the time with an end goal to acquire a more profound comprehension of the elements that impact juvenile improvement (Riehm KE, 2019). Since social media utilizes various computerized devices, it is hard to make speculations regarding what it means for youngsters overall. It is vital to fathom explicit character attributes that a few children might be more inclined to show to use social media either properly or improperly. It's significant to recognize the exact social media practices or associations that put youngsters in danger. An overview of US young people viewed that as 24% of them suspected the impacts were terrible, 45% idea they were nonpartisan, and 31% idea they were principally great (Holland G, 2016). Youngsters who profited from social media said it assisted them with finding individuals who shared their inclinations, make new companions, and learn new things. The individuals who accept social media adversely affects society guarantee that it improves the probability that individuals would menace others, disregard face to face contacts, and make presumptions about the existences of others. Moreover, halting trouble and self-destruction by utilizing material to perceive symptoms may be achievable. The connection among offline and online gamble has arisen as a typical subject in this field of study. It is questionable whether we can completely appreciate or really guide youngsters through the virtual time since it is excessively intricate, advancing rapidly, or inconspicuous for us to do as such. This difficulties a common nurturing message. Supporting youngsters in their web-based associations and encounters is bound to contain a considerable lot of the very thoughts that shape healthy turn of events and structure the premise of good nurturing. Assuming this is the case, its extraordinary information for guardians

and watchmen since it shows that, regardless of any actual changes, current proof based treatments and projects will keep on being viable at supporting young people in the advanced age. Researching the mediators of the connection among social and high schooler depression and suicidality (like orientation, age, and parental contribution) would be the third area of center (Moreno MA, 2016).

Because of the far reaching utilization of social frameworks organization locales by offspring of various foundations, as well as the development being used and racial value related data considering pandemic safe house at-home courses of action (Croucher, 2020) and the reignited racial value improvement (Fowers, 2020), an assessment of the dangers of receptiveness to social media racial isolation and the ramifications for youngsters' mental health (Koeze, 2020,) is urgent. Youngsters who take part in web-based racial value crusades are acquainted with baffling performers who subject them to various types of social media racial detachment, like individual (facilitated at them after some time) and vicarious (seen to be composed to others of one's race). As they took part in offline city associations, youth from different foundations exhibited huge development (Ballard, 2019). This study looked to discover the degree to which individual and imaginary social media distance influenced the connection between racial get-together contact, community obligation to racial reasonableness, and stress, anxiety, and substance use issues.

Social media is one of the most famous internet assets among youngsters of variety. While 87% of Local American youngsters had a social media account in 2009 (Rushing, 2011), almost 50% of dark and Latinx juvenile internet clients revealed doing as such in 2018 (Anderson M, 2018). Over 70% of these children utilized somewhere around one social systems administration stage, as indicated by the latest surveys. Regardless of the absence of information on Asian American children, Asian American grown-ups detailed the most elevated paces of social media use across all racial gatherings (Charmaraman, 2018). Social media research principally elaborate non-Hispanic white adolescents, and it was observed that utilizing social media oftentimes is related with mental health issues (Riehm, 2019). The gamble of mental disease in youngsters of variety might be impacted by various interrelated social media use factors, like commitment to online city commitment exercises, expanded racial contact, and openness to bigoted informing designated at specific youth or different individuals from their racial personality bunch. Notwithstanding, little examination has been finished on these issues. Offline municipal commitment incorporates things like democratic, chipping in, helping other people, living reasonably, and providing for noble cause. These exercises have been related to more noteworthy

adolescent health and less burdensome side effects (Ballard, 2019). Risks, be that as it may, have additionally been raised. Strange grounds activists of variety experienced burnout and unbearable mental misery because of unfortunate taking care of one and lacking social help (Vaccaro, 2011). Also, more significant levels of health-risk ways of behaving, for example, substance use and more hours spent before screens have been related to adolescents' offline political commitment (Ballard, 2019). Besides, it has been tracked down that more elevated levels of offline intergroup contact at school and in the area are emphatically associated with grievances of racial segregation and burdensome side effects among youthful people from racial minority gatherings (Assari, 2018).

Youngsters of variety's openness to social media racial inclination and the connection between intergroup contact, online racial equity exercises, and these variables are minimal perceived. Because of social media use as a general rule, support in web-based racial equity activism, cooperations with or openness to posts by individuals of various racial gatherings, and different variables, a youngster's vulnerability to racially one-sided informing and posts by others framing their encounters being the casualties of social media racial segregation might rise (Hope, 2018). Youngsters might be bound to encounter vicarious racial segregation from involving social media for longer timeframes and perusing/sharing racial equity related content than from encountering it straightforwardly (Lim, 2021) while effectively participating in racial equity drives and cooperating with individuals of non-racial gatherings might expand the gamble of encountering individual separation. Adolescents of variety who are presented to such individual and vicarious racial segregation on social media are bound to encounter mental health side effects and poor long haul developmental results. For youngsters of variety, individual racial separation, for example, peer harassing and prodding, is a significant stressor. It can set off both physical and mental reactions, which could bring about the development of anxiety and burdensome ailments. Both offline and on the web, this pressure is common. Seeing racial separation focused on friends, family, and individuals of other racial gatherings is one of the most predominant types of bias that youngsters of variety experience (Quintana, 2008). Past investigations discovered that 10% to 25% of teens of variety who experienced internet based racial bias by implication and somewhere in the range of 33% and 70% of youngsters of variety who experienced it straightforwardly. This sort of segregation was something that (Rideout, 2016) (Rideout, 2016) (Rideout, 2016) had both straightforwardly and by implication experienced. In research including dark and Latinx adolescents, individual web-based racial separation

was viewed as a strong indicator of more prominent degrees of burdensome and restless side effects, albeit vicarious web-based segregation was not plainly related to mental health.

Effect on mental health

Mental health is portrayed as a success condition in which people are aware of their abilities, skilled at resolving conflicts that happen in daily life, valued at work, and fundamentally involved with their organizations (Psychiatry., 2008). Social media's benefits and downsides with regard to mental health are also being examined (Berryman C, 2018), (. Coyne SM, 2020). The management of social systems is an essential component of mental health coverage. Social ties affect mortality risk, conduct health, actual health, mental health, and lead health. The Dislodged Conduct Hypothesis might explain how social media and mental health are related. Spending more time sitting down, such as on social media, uses less energy for in-person contacts, which have been demonstrated to be protective against mental health issues. (Escobar-Viera C, 2018), (Rahman NI, 2013). Social media use modifies clients' perspectives, coping methods, and social network connections, which is hazardous to mental health, according to social studies (O'Reilly M, 2018). There has been a lot of effort put into studying the effects of social media, and some of that research has revealed that frequent use of sites like Negative symptoms of sadness, anxiety, and stress may be associated with Facebook use (O'Reilly M, 2018), (Vogels, 2022). In addition, users may feel pressure from social media to conform to stereotypes and become as well-known as other users**.**

Problem of the study

To learn how depression, anxiety, and stress are affected by using social media among adolescents.

Aim of the study

This literature evaluation aims to determine whether and to what extent young people's social media usage is associated with negative mental health consequences.

Research Objectives

1. To determine the usage of social media and its effect on their mental Health of youth.
2. To examine the correlation between the social media engagement and mental Health of youth

Research Hypothesis

H0A: The usage of social media among youth is no significant relationship with mental health.

H1A: The usage of social media among youth is significant relationship with mental health.

H0B: There is no critical connection between social media commitment and different parts of mental health (confidence, self-perception, anxiety, depression, and forlornness) among youth.

H1B: There is a significant relationship between social media engagement and various aspects of mental health (self-value, body image, anxiety, depression, and loneliness) among youth.

LITERATURE REVIEW

Social Media and Youth Mental Health

Youth utilization of social media1 is practically universal. Up to 95% of youngsters between the ages of 13 and 17 say they utilize social media, with in excess of a third expressing they do as such "continually." (Commission, 2023) Almost 40% of children between the ages of 8 and 12 utilize social media, notwithstanding the way that the ordinary least age for social media destinations in the U.S. is 13 (Rideout V. P., 2022). Regardless of the way that youngsters and adolescents utilize social media widely, exhaustive free wellbeing assessments of the impact of social media on youth have not yet been done. Scientists, guardians, youngsters, healthcare experts, and others are turning out to be more worried about what social media use means for youngsters' mental health. (D'Angelo, 2016)While more examination is expected to completely comprehend the impacts of social media, that's what the accessible proof recommends, while they might enjoy benefits for certain youngsters and adolescents, social media likewise represents a huge gamble of damage to their mental health and general prosperity. (English, 2020) We don't yet have an adequate number of information to say assuming that social media is satisfactorily ok for youngsters and teens. We critically need to make a move to establish protected and healthy computerized conditions that limit hurt and safeguard youngsters' and adolescents' mental health and prosperity during vital transformative phases. We should recognize the developing group of examination about expected hurts, increment our aggregate comprehension of the dangers related with social media use, and make a move immediately.

Peer cooperations assume a huge part in the turn of events and steadiness of juvenile psychopathology. In the social media climate, peer associations can happen all the more as often as possible,

strongly, and rapidly. (Tynes, (2020))Various explicit web-based peer communications have been featured in earlier exploration as conceivable gamble factors for mental health (Fisher BW, 2016). Higher paces of digital exploitation, or being the objective of internet harassing, are regularly related to self-hurt, self-destructive ideation, and other assimilating and externalizing hardships. Youngsters may likewise be placed in peril by peer strain on social media, including peer dismissal, online contentions, show, or struggle. On the web, where children approach various their schoolmates as well as possibly hurtful substance, peer impact cycles may likewise be expanded. In the event that youngsters are presented to social media content showing such ways of behaving, their tendency to participate in hazardous ways of behaving, (for example, drinking and medication use) may increment. Because of how basic it is for youngsters to get to online assets regarding these matters, self-hurt among in danger youth might increment (Nesi J, 2015). As per a new report (Fardouly J, 2016), 14.8% of youngsters who were alluded to mental health offices since they represented a gamble to other people or to themselves had seen sites that advanced self-destruction in the fourteen days preceding their confirmation. They choose to distribute photographs of themselves on social media, which brings about a steady stream of words and pictures that are regularly carefully altered to depict individuals precisely. A few youngsters are influenced by this and start to have negative feelings about their achievements, abilities, or appearance. Studies have connected the results of adolescent depression to utilization of social frameworks organization at more significant levels. (San Francisco, 2020).

At last, while analyzing the ramifications of advancement use for teen mental health, it's basic to consider the migration issue or what other vital exercises are being supplanted by time spent on social media. It is very much perceived that youngsters' rest designs significantly affect their way of behaving and mental health. The usage of a mobile contraption before bed, regardless, has at least a time or two been connected with all the more horrendous rest results, similar to more restricted rest lengths, all the more dreadful rest quality, and daytime languor. (Benner, 2018) Very, 36% of teenagers assurance to stir something like once throughout the span of the night to truly investigate their contraptions, and 40% case to use a mobile device in something like five minutes of stirring things up around town (Rideout V, 2018). In this way, given youth social media use is a significant gamble factor for creating mental health issues from now on, examination into what social media use implies for rest quality is as yet a vital area of concentration. The amazing larger part of examination looking at the connection between utilizing social media and

burdensome aftereffects has zeroed in on how habitually and hazardously individuals use it (Carter B, 2016). A decent and corresponding connection between's social media use and depression and, irregularly, suicidality was found in most of the examinations considered in this review. Whether there is an association between drug use and depression or suicidality is as yet hazy, similar to the degree to which juvenile slightness and drug use features impact this association. (Yip T. , 2015) Moreover, it is indistinct whether this connection is impacted by other relevant factors such parental direction and backing or cultural contrasts. It appears to be logical that moderate use is related with more grounded restraint, however it is muddled assuming this is on the grounds that intermediate clients regularly have better discretion. ((OSG)., 2021).

Positive and Negative effect of social media on Young People

Various mind boggling factors, for example, how much time youngsters and teens spend on stages, the sort of happy they consume or are generally presented to, the exercises and communications social media permits, and how much it obstructs healthy ways of behaving like rest and active work, all affect what social media means for youth mental health. It is vital to take note of that various children and teens are affected by social media in different ways, contingent upon their remarkable assets and shortcomings as well as on social, verifiable, and financial factors. (Bashir, 2017) Established researchers all in all concurs that social media can both assistance and damage kids and adolescents. While assessing the risk of injury, mental health is an essential viewpoint to consider. Ages 10 to 19 years of age adolescents are going through an especially sensitive phase of mental health. The zenith of hazard taking way of behaving, the biggest swings in prosperity, and the rise of mental health issues like depression all happen close to this time. Moreover, early youthfulness is an especially weak time for mental health to social tensions, peer decisions, and friend correlation since this is when characters and a healthy identity worth are creating. The amygdala, which is vital for profound learning and conduct, and the prefrontal cortex, which is essential for motivation control, close to home guideline, and directing social way of behaving, may both go through unmistakable changes because of continuous social media use. (Priest N. , (2013).) It might likewise turn out to be more delicate to social prizes and disciplines. subsequently, teenagers might be more delicate sincerely to the open and intuitive parts of social media. For specific developmental stages, for example, for young ladies matured 11 to 13 and guys matured 14 to 15, juvenile social media utilization is prescient of a future decrease in life fulfillment. Puberty is a touchy time for mental health, hence social media utilization right now calls for more assessment.
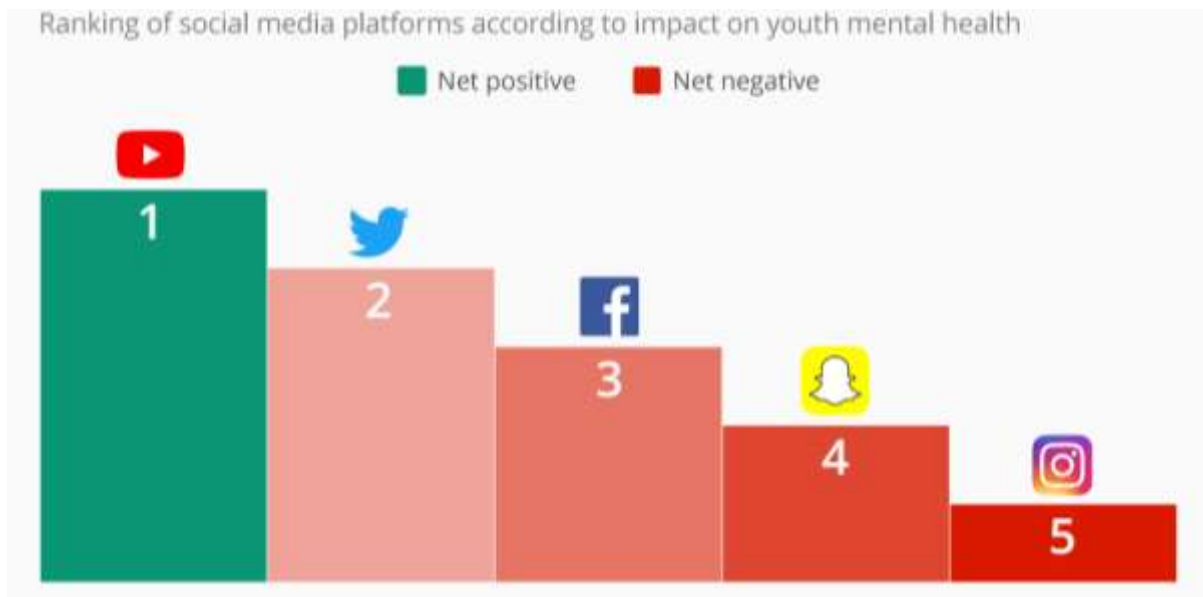
Figure 2 Mental Health: The Negative and Positive impact of social media on Young People [Statista 2019]

According to TechCrunch, Facebook is now testing the ability to only display a small portion of the likes received on a post based on the results of researcher Jane Manchun Wong. The social media juggernaut is now doing a similar trial on its Instagram platform in seven nations.

For what reason is this occurrence, precisely? to decrease the feeling of steady intensity and companion pressure. Recent research suggests that this choice may have significant positive effects on children's mental health. Based on findings from a review conducted by the UK's Illustrious Society for General Health of 1,479 persons between the ages of 14 and 24, the five most prominent social groups have been evaluated by their effect on mental health. Instagram, more than any other social media platform, appears to have an impact on the mental health of young people. Then again, YouTube supposedly is the most useful organization in this field and the only one in the review remembered to make a 'net positive' difference. Anxiety, despair, forlornness, mental self-view, harassing, and the capacity to articulate one's thoughts were among the 14 attributes thought about in deciding this positioning.

Bashir and Ahmad (Maza, 2023) the effect of social media on mental health was inspected by analyzing and incorporating the appropriate writing. The more youthful age is powerless against social media, as indicated by the writing. As indicated by reports, youngsters are bound to encounter serious mental health issues.
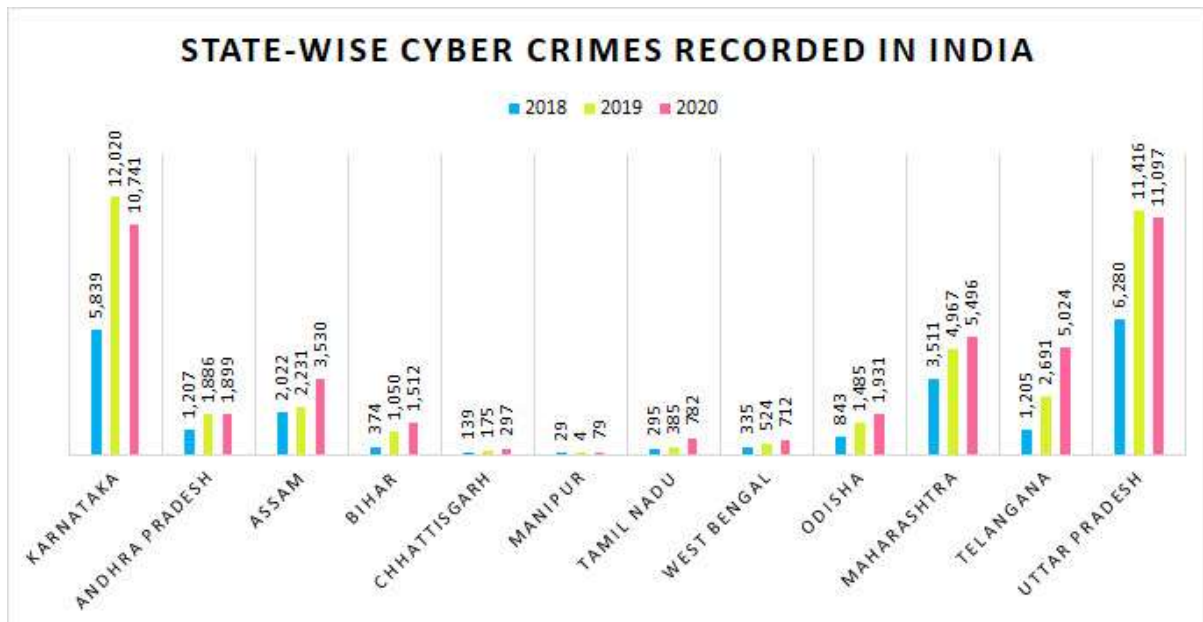
Figure 3 Cybercrime data over the years 2020

Cyber Crimes in India Spiked Nearly Nine Times Since 2013, UP Topped Chart in 2020: Data

Social Media Benefits for Children and Adolescents

Social media might be profitable for specific youngsters by interfacing them with other people who have comparative characters, abilities, and interests. It might lay out a spot for self-articulation and give admittance to critical data. One advantage of youngsters utilizing social media is the amazing chance to make and keep companions on the web and make social connections. Youth may benefit from these connections by having chances to engage positively with more varied peer groups than they would have offline and by receiving crucial social support. Online peer support may have stress-buffering benefits, which can be particularly beneficial for kids who are often stigmatized, such as members of racial, ethnic, and sexual and gender minorities (Kruzan, 2022). By working with peer association, character development and the board, and social help, studies have shown that social media might upgrade the mental health and prosperity of lesbian, gay, sexually open, abiogenetic, transsexual, eccentric, intersex, and different adolescents. Across social media stages, seven out of ten adolescent young ladies of variety report run over certain or personality avowing data about race. Most teens guarantee that social media causes them to feel more associated with what's going on in their companions' life (80%), more acknowledged (58%), like they have individuals who can help them during troublesome times (67%), and that they have a spot to communicate their imaginative side. Moreover, research demonstrates that social media-and other carefully based mental

health medicines might help specific children and teens by empowering help-chasing ways of behaving and going about as a springboard for starting mental health care (Marwick AE, 2014).

RESEARCH METHODOLOGY

Research Design

Research configuration alludes to the arrangement or procedure that a specialist creates to direct the examination study. It incorporates the techniques and methods that will be utilized to gather and investigate information, as well as the general design of the review. The review is elucidating in nature. The review portrays the degree of mental health by impacting the social media. The examination likewise depicts the positive and adverse consequence of social media on school going Students in India. In the Present study Hybrid or mixed-methods approach has been applied, (both qualitative and quantitative methods). In the qualitative research design collect the data through structured Interview, while In Quantitative research design collect the data through Self- structured Questionnaire. A focus group interview was conducted to understand the respondents' perceptions of the key drivers of the constructs and the relationships that exist among the study constructs.

Figure 4 Research Design

Sample and Sampling Technique

The expression "test size" portrays the quantity of individuals or units that are remembered for a review. The size of the example can influence the legitimacy and dependability of the outcomes, making it a pivotal element to consider in research. Five students from each class

of 200 students from different long periods of review were approached to share how they might interpret what social media means for their mental health.

An assortment of non-likelihood testing methodologies known as "purposive inspecting" includes picking units for your example in view of their ownership of explicit characteristics. All in all, in purposive testing, units are picked "deliberately". This testing strategy, otherwise called judgemental examining, centers around the scientist's judgment while deciding and picking individuals, cases, or occasions that can supply the most data to meet the review's objectives.

Sample Population

Five students from each class made up a focus group of undergraduates from various years of study who were asked to share their understanding of how social media affects their mental health.

Data Collection

The information for this study was collected using the SMIDT scale that was created by Lovibond & Lovibond (1995). The tally of items on the scale totals 42. SMIDT scale examined the interconnected negative states of depression, anxiety, and stress. The three negative emotions measured by this scale are stress, anxiety, and problem, for a total of 14. On a scale from "didn't concern me" through "occasionally," "often," to "very often".

Preliminary Stage: Item Generation

Five students from each class included a center gathering of students from different long stretches of review that were approached to share how they might interpret social media's effect on mental health. A few items were delivered because of the discussion. To extend the pool of potential things, a careful writing survey was likewise directed. Three key areas arose out of the writing audit and center gatherings, which occurred two times on discrete days. The part of awareness/consideration looking for depicted the perspective on assumptions for "like," "view," and "remarks" from their social media action. The deficiency, discontent, and dejection factors are undeniably portrayed by the uselessness factor. Things that investigate the requirement for social reward as well as getaway day to day fatigue and strain make up idealism/reality aversion.

From the center gathering conversation and the writing research, 51 things were delivered. The 51 things were additionally evolved and put out as explanations. Everything was agreeably expressed. The response

option was on a 5-point scale, with 1 = never, 2 = rarely, 3 = sometimes, 4 = often, and 5 = always.

A self-structured Questionnaire also designed to collect the Quantitative data of the study. I used Likert scale in Questionnaire. It consist overall 15 Questions and distributed in the students.

Content Validity

Six experts were assembled to evaluate content legitimacy, including two social therapists, two developmental analysts, and two clinical clinicians. The board was given data on the estimation's goal, main interest group, distinct structure, and thing choice.

Tools Used for Statistical Analysis

The SMIDT scale was made utilizing a multistep, normalized process. We utilized a two-stage test to approve the scale. Information decrease was finished fully intent on directing an exploratory factor analysis (EFA) and making a careful scale. In order to evaluate the most recent SMIDT scale, confirmatory factor analysis (CFA), measures for internal consistency, development legitimacy, discriminant legitimacy, and simultaneous legitimacy were all utilized.

Descriptive Statistics

Mean: Notwithstanding the mode and median, the mean is one of the estimations of focal propensity. Basically, the mean is the normal of the qualities in the given set. It demonstrates that qualities in a specific informational collection are dispersed similarly.

$$\overline{x} = \frac{\sum fx}{n}$$

$$
\begin{aligned}
where: \quad \overline{x} &= mean \\
f &= frequency\ of\ each\ class \\
x &= mid\text{-}interval\ value\ of\ each\ class \\
n &= total\ frequency \\
\sum fx &= sum\ of\ the\ producst\ of \\
&\quad mid-interval\ values\ and \\
&\quad their\ corresponding\ frequency
\end{aligned}
$$

Standard Deviation: A standard deviation (or σ) is an extent of how disseminated the data is similar to the mean. Low standard deviation

suggests data are gathered around the mean, and raised assumption deviation shows data are more spread out.

$$\sigma = \sqrt{\frac{\sum_{i=1}^{n}(x_i - \bar{x})^2}{N}}$$

Correlation: A methodology for deciding the associations between two factors is alluded to as relationship. You found that plotting two factors on a "dissipate plot" can assist you with deciding if they are for the most part associated. Connection is the most broadly applied procedure despite the fact that there are different proportions of association for factors estimated at the ordinal or more significant level of estimation.

Correlation Coefficient Formula

$$r = \frac{n(\Sigma xy) - (\Sigma x)(\Sigma y)}{\sqrt{[n\Sigma x^2 - (\Sigma x)^2][n\Sigma y^2 - (\Sigma y)^2]}}$$

Regression: The connection among reliant and free factors is appeared through relapse analysis, which shows how subordinate factors will change when at least one free factors change because of different occasions. Since Y is the reliant variable, X is the free factor, an is the capture, b is the slant, and E is the remaining, the computation recipe is Y = a + bX + E.

$$a = \frac{[(\Sigma y)(\Sigma x^2) - (\Sigma x)(\Sigma xy)]}{[n(\Sigma x^2) - (\Sigma x)^2]}$$

$$b = \frac{[n(\Sigma xy) - (\Sigma x)(\Sigma y)]}{[n(\Sigma x^2) - (\Sigma x^2)]}$$

Research result

1960

This section explains the demographic profiles of the undergraduates. The wellsprings of the things and builds used in the survey, the exploration instruments used to accumulate the information, the method of information assortment, and the sort of information utilized for the review are completely introduced. In spite of the fact that SPSS rendition 25.0 was utilized to dissect the information for the audit, this segment additionally gives subtleties on the apparatuses utilized, including exploratory part analysis, confirmatory factor analysis, relationship, and relapse.

Reliability

1. The same questionnaire is given to the same set of people twice to check for consistency in the responses (a process known as test-retest reliability). In order to determine if two or more raters or observers agree on their ratings or observations, this process is known as inter-rater reliability. Examining the relationships between the many questionnaire items to determine if they measure the same construct is known as internal consistency reliability. A sample of 200 respondents was questioned to assess the questionnaire's validity and reliability. The survey's findings and analysis are listed below. For each portion of the questionnaire, the Cronbach's alpha coefficient was determined to assess its reliability. These are the outcomes:

Table 1 Information on Reliability Statistics for Measures of Social Media Usage, Mental Health Assessment, Social Media Engagement, and Impact on Mental Health

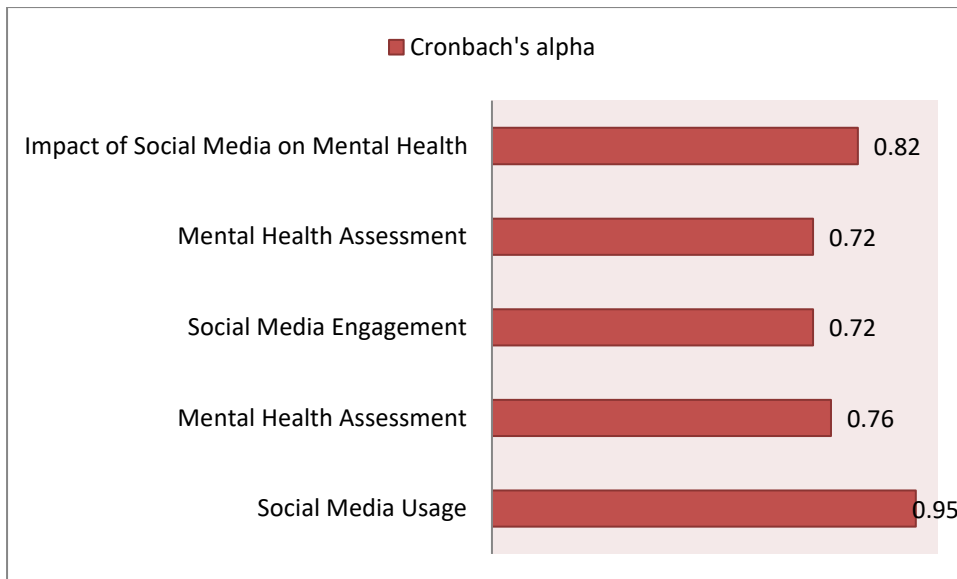|	Cronbach's alpha	Total no. of Items
Social Media Usage	0.95	3
Mental Health Assessment	0.76	3
Social Media Engagement	0.72	3
Mental Health Assessment	0.72	3
Impact of Social Media on Mental Health	0.82	3
Total		**15**

Figure 5 Information on Reliability Statistics for Measures of Social Media Usage, Mental Health Assessment, Social Media Engagement, and Impact on Mental Health

The Cronbach's alpha coefficient for each section indicates that the questions in each section are reliable and consistent.

Descriptive Statistics

Table 2 Information on Descriptive Characteristics of Respondents for Measures of Social Media Usage, Mental Health Assessment, Social Media Engagement, and Impact on Mental Health

	Min	Max	Mean	S.D
Social Media Usage	1	5	3.99	1.066
Mental Health Assessment	1	5	3.42	0.999
Social Media Engagement	1	5	4.12	0.978
Mental Health Assessment	1	5	3.99	0.977
Impact of Social Media on Mental Health	1	5	3.12	0.919

2. The example's illustrative elements offer critical data about their social media use and what it means for their mental health. The members, with a mean score of 3.99 and a standard deviation of 1.066, revealed utilizing social media at a decently high rate by

and large. This shows that the example utilized social media stages for the most part, however not widely. The typical score for the members' mental health was 3.42, which is viewed as a moderate degree of mental prosperity. The example's mental health status seems to change, as demonstrated by the standard deviation of 0.999. The individuals uncovered a somewhat raised level of social media support, with a mean score of 4.12 and a standard deviation of 0.978. This proposes that the model partook in various social media works out. Besides, the individuals appeared to see a moderate effect of social media on their mental health considering their regular score of 3.99 (with a standard deviation of 0.977) on the impact of social media on mental health.

Exploratory factor analyses

Table 3 Information on exploratory Factor Analyses of the 15-Item Social Media-Induced Depression Tendency Scale

|	1	2	3	4	5
Factor 1: Social Media Usage					
SM1	.772				
SM2	.663				
SM3	.523				
Factor 2: Mental Health Assessment					
HA1		.823			
HA2		.812			
HA3		.623			
Factor 3: Social Media Engagement					
SME1			.712		
SME2			.823		
SME3			.763		
Factor 4: Mental Health Assessment					
MHA1				.623	
MHA2				.611	
MHA3				.532	
Factor 5: Impact of Social Media on Mental Health					
ISM1					.856
ISM2					.712
ISM3					.623

3. Table 3 shows the consequences of the exploratory factor analysis, which took a gander at a 41-thing poll and considered the end of 26 things because of cross stacking or stacking below.4. A 15-thing

poll with three normal factors and eigen values bigger than 1.0 was the result. The example sufficiency score determined by Kaiser-Meyer-Olkin was.82, which represented 55.87% of the absolute difference.

Table 4 Information on confirmatory factor analysis of the social media-induced depression tendency scale

Model	X^2	X^2/df	GFI	NFI	CFI	RMSEA	SRMR
Null	293.36**	3.66	.79	.74	.81	.101	.10
One factor	263.33**	4.12	.84	.71	.74	.098	.09
Un correlated factor	145.33**	1.85	.99	.88	.95	.041	.06
Correlated factor	103.22**	1.66	.97	.95	.94	.032	.04
Hierarchical	113.00**	1.75	.97	.96	.94	.074	.03

** p<0.001
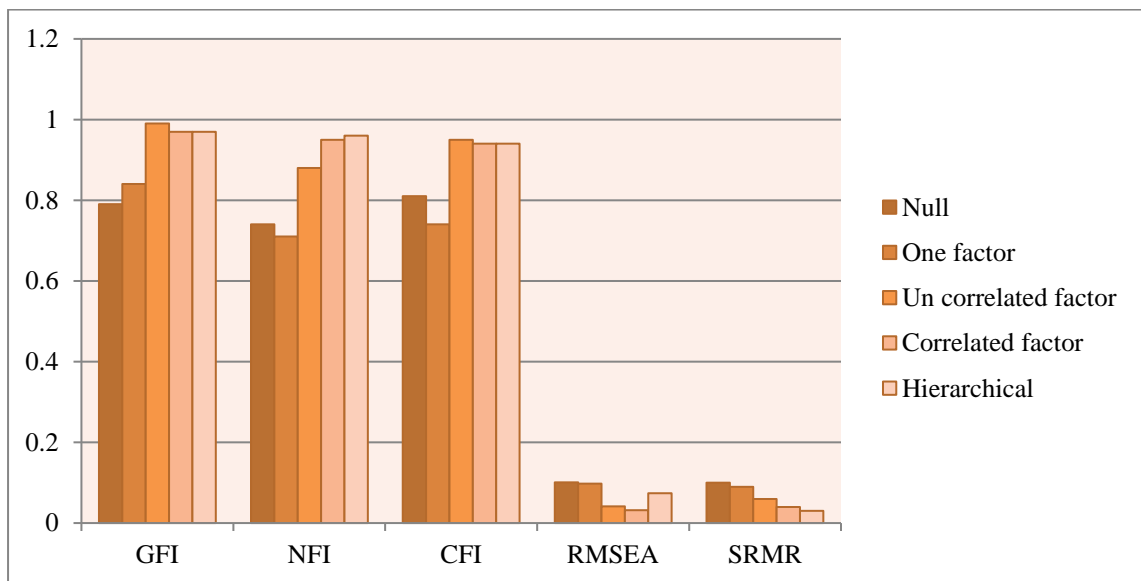
Figure 6 Information on confirmatory factor analysis of the social media-induced depression tendency scale

4. The CFA of the SMIDT scale evaluated the significance of the study made using the EFA results. To balance the model with the confirmatory dataset's covariance cross section, most outrageous likelihood appraisal was used. Following Browne and Cudeck's suggestion, we used the value and the SRMR (standardized root mean square excess) to evaluate model fit. Also figured was the RMSEA (root mean square error of gauge). We used the CFI (relative fit document), GFI (uprightness of-fit list), and NFI (normed fit record) to survey model fit moreover. CFI, GFI, and NFI

values near.90 are generally considered to address a satisfactory fit, and values of.90 or higher imply a sublime match, as demonstrated by the standards for choosing model fit (Rideout V. J., 2016). The 15 things recorded in the EFA were exposed to CFA, which analyzed a few models. The integrity of-fit insights were essentially worked on by the three connected boundaries (Table 2 and Figure 2).

Table 5 Information on Correlation Matrix between the Dependent variables and Independent Variables

Independent Variables	Dependent	Correlation
Social media usage and mental health of youth	*0.856	Strong
social media engagement and mental health of youth	*0.896	Strong

*Significant at (a≥0.05).

5. From table (5) we can see that there is an incredible strength between subordinate factors and free factors. The level of connection between Social media use and mental health of youth is 85.6%, and the level of connection between social media commitment and mental health of youth is 89. 6%. It showed Areas of strength for the between the reliant and Autonomous Relationship. The proposed speculations were upheld in the ongoing examination by the assessment of the primary model. Moreover, as indicated by Hair et al. (2011), a substantial way coefficient would be something like 0.1, with a sensible coefficient of no less than 0.05 (or 95% certainty level), to keep up with the way coefficient to the proposed model. The aftereffects of the SPSS-based bootstrapping approach were utilized to lay out the degree of importance and agreeableness of speculations.

6. To test whether there is a significant difference at alpha = 0.05 in this hypothesis, we used (simple regression analysis) to find a significant mean of hotel performance following social media engagement and mental health of youth I had to verify the difference. Results are summarized in the table below. From the simple regression results shown in Table (6), we have the following results:

Table 6 Information on the Simple Regression Analysis on the Relationship between Social Media Engagement, Social Media Usage, and Mental Health among Youth

Independent factor	R	R^2	F	Sig
social media engagement	0.652	0.956	15.212	0.000
social media usage	0.752	0.745	17.256	0.002

Dependent variable: mental health among youths

The discoveries of the tried speculations are displayed in Table 6, which delineates that both of the speculations that were tried to recognize the immediate impact were upheld and that there was a critical positive impact.

7. I found that there is a significant and huge connection between teenagers' utilization of social media and their mental health. The exploration uncovered a R worth of 0.752 for social media use as a free factor. The R-squared incentive for this factor was 0.745, demonstrating that social media use might represent around 74.5% of the variety in youngsters' mental health. The F value was 17.256, and the relating p-value (Sig) was 0.002, showing areas of strength for a between teenagers' utilization of social media and mental health.

8. I found a significant and critical connection between youngsters' utilization of social media and their mental health. The analysis showed that the free part of social media support had a R worth of 0.652. How much change in the reliant variable that can be depicted by the free part, or its R-squared value, was viewed as 0.956. The general meaning of the relapse model was assessed utilizing the F value, which were 15.212. This model's connected p-value (Sig) was 0.000, showing a significant relationship between youngsters' utilization of social media and mental health. By and large, the discoveries infer that adolescents' mental health is altogether influenced by both social media use and inclusion. However, the more noteworthy R-squared value proposes that the association is more grounded for social media support.

Discussion

1. The place of this study was to coordinate a thorough review of the composition on the impact of social media use on mental health. This evaluation found a general connection between social media use and mental health inconveniences, despite the audit's clashing revelations. The opposite has been ensured, no matter what how there is strong proof supporting an association between social media and mental health. For instance, a prior report revealed no association between social media use time and depression or

between social media-related approaches to acting, for instance, how much "selfies" and online buddies, and depression (Wessel C, 2018). Practically identical disclosures were made by Neira and Hairdresser, who found that while extended social media use (like unique use) expected troublesome aftereffects in adolescents, there was no association between the repeat of social media use and deterred outlook (Neira CJB, 2014).

2. Anxiety and depression were the most frequently evaluated results among the 16 fundamentals. This study recognized time spent, exercise, and social media obsession as the essential bet factors for anxiety and hopelessness. Anxiety is one of the most notable mental health issues in the current society. Their posted pictures and accounts got likes and remarks. Everyone is impervious to the social media setting in the high level world. Youths who are anxious about losing something on social media could try to reliably reply and truly check their buddies' all's messages out. Oppositely, one of the potentially negative results of extreme social media use is despair. Exhaustively, depression is confined to social systems administration locales, as Facebook, which brings about mental issues. As indicated by a new report, the people who utilize social media, games, messages, mobile telephones, and so on are more inclined to experience the ill effects of depression.

3. The gathering using social media had a 70% ascent in self-revealed depression side effects, as per the earlier review. Sexual entertainment is another social media influence that adds to bitterness (Mehmet M, 2020). Social media empowers setting up a front that centers the tomfoolery and energy however doesn't uncover a lot of about where we are battling in our day to day routines on a more profound level (Wessel C, 2018). This is when personal tomfoolery happens. One more review found a positive connection between's juvenile Facebook use and depression (Dogra N, 2018). All the more essentially, the people who basically participated in web-based exercises and performed picture the executives on social systems administration locales had been found to display indications of serious depression (Wartberg L, 2020).

4. In another survey, the associations between social media use and mental health were pondered by direction. Social media propensity has been believed to be higher in females than in folks (Odgers CL, 2020). The association among depression and uninvolved social media use, such as grasping postings, is more grounded than the association among depression and dynamic use, such as posting. Other colossal assessment results feature the probability that factors other than social media use repeat, for instance, social trust and family working, may strangely influence difficult incidental effects.

Conclusion

This study found that both social media usage and social media engagement have a significant impact on the mental health of youths. However, the relationship appears to be stronger for social media engagement, as indicated by the higher R-squared value. These findings highlight the need for further research and attention to the role of social media in influencing the mental well-being of young individuals. It also emphasizes the importance of promoting healthy social media habits and providing support for managing mental health concerns among youths in the digital age. The social and individual existence of youngsters is intensely impacted by social media. In light of fragmented and disconnected information on youngsters and advanced innovation, proficient associations give direction to guardians, teachers, and organizations. Assuming new advancements are important to advance social cooperation or construct computerized and social (carefully mediated) abilities for developing economies, approaches limiting juvenile admittance to them might be incapable. Contacting youngsters on occasion of need and when help is required is pivotal for their health. High schooler prosperity might increment in the event that they approach a scope of fellowships and assets.

REFERENCES

Strasburger, V. C., Jordan, A. B., & Donnerstein, E. (2012) Children, adolescents, and the media: health effects. **Pediatrics, 59(3), 533-587.

Anderson, M., & Jiang, J. (2018) Teens, social media and Technology 2018 Pew Research Center Retrieved October 2022, from https://www.pewresearch.org/internet/2018/11/28/teens-social-media-habits-and-

Rajamohan, S., Bennett, E., & Tedone, D. (2019) The hazards and benefits of social media use in adolescents. Nursing, 49(2), 52-56.

Manning, J. (2014). Encyclopedia of Social Media and Politics Thousand Oaks, CA: Sage. Definition and classes of social media; pp. 1158-1162

Pew Research Center (2018) Teens' social media habits and experiencesRetrieved October 2022, from https://www.pewresearch.org/internet/2018/11/28/teens-social-media-habits-and-experiences/

Keles, B., McCrae, N., & Grealish, A. (2020) A systematic review: the influence of social media on depression, anxiety and psychological distress in adolescents. International Journal of Adolescent and Youth, 25(1), 79-93.

Csikszentmihalyi, M. (2020) Flow: The psychology of optimal experience New York, NY: HarperCollins

National Institute of Mental Health (2022) Child and Adolescent Mental Health Retrieved October 2022, from

https://www.nimh.nih.gov/health/topics/child-and-adolescent-mental-health/index.shtml

World Health Organization (2019) Adolescent mental health Geneva, Switzerland: World Health Organization.

Mental Health Foundation (2018) Depression in children and young people London, UK: Mental Health Foundation.

Stansfeld, S., Patel, V., Bhui, K., Dunn, G., Brugha, T., & Marmot, M. (2016) Mental health and well-being outcomes of children and young people exposed to the 2004 Indian Ocean tsunami: A prospective cohort study. The Lancet Psychiatry, 3(1), 43-51.

Sandhya Keelery (2020) Social media usage in India- statistics & facts.https://www.statista.com/topics/5113/social-media-usage-in-india/

J. Clement,(2020) Statista:Number of social network users worldwide from 2017 to 2025.https://www.statista.com/statistics/278414/number-of-worldwide-social-network-users/

Varun B. Krishnan (2019). How much time do Indians spend on social media? https://www.thehindu.com/profile/author/Varun-B-Krishnan-16946/.

SANNAM S4, (2008) Digital and Social Media Landscape in India. https://sannams4.com/digital-andsocial-media-landscape-in-india/

Geetha,U.,Subramanian, R. & Pious, T. (2018). The Effectiveness of Social Networking in Marketing: with Special Reference to Facebook. International Journal of Engineering Research & Technology (IJERT), 6(8)

Bhardwaj A., Avasthi V., and Goundar S (2017) Impact of Social Networking on Indian Youth - A Survey I.J. of Electronics and Information Engineering, 7(1), 41-51

Pew research center (2015). Teen's social media and technology overview 2015. Retrieved from .http://www.pewinternet.org/2015/04/09/teens-social-media-technology-2015/

Bartosik-Purgat, M., Filimon, N., & Kiygi-Calli, M (2017) Social media and higher education: An international perspective Econ Sociol, 10, 181–191

Newman, N., Fletcher, R., Kalogeropoulos, A., & Nielsen, R. (2020, March). Digital News Report Retrieved from http://www.digitalnewsreport.org/2019

Petrosino, A., Boruch, R. F., Soydan, H., Duggan, L., & Sanchez-Meca, J. (2001) Meeting the challenges of evidence-based policy: the Campbell collaboration. Annual Review of Political Science, 578, 14-34.

Kim, H. H. (2017). The impact of online social networking on adolescent psychological well-being (WB): a population-level analysis of Korean school-aged children. **International Journal of Adolescent and Youth, 22, 364-376.

Iannotti, R. J., Janssen, I., Haug, E., et al. (2009). Interrelationships of adolescent physical activity, screen-based sedentary behavior, and social and psychological health **International Journal of Public Health, 54, 191-198

Muris, P., & Steerneman, P. (2001) The revised version of the Screen for Child Anxiety Related Emotional Disorders (SCARED-R): first evidence for its reliability and validity in a clinical sample. British Journal of Clinical Psychology, 40, 35-44.

Przybylski, A. K., Orben, A., & Weinstein, N. (2020) How much is too much? Examining the relationship between digital screen engagement and psychosocial functioning in a confirmatory cohort study Journal of the American Academy of Child and Adolescent Psychiatry, 59, 1080-1088

Boase, J., & Ling, R (2013) Measuring mobile phone use: self-report versus log data. Journal of Computer-Mediated Communication, 18, 508-519.

Scharkow, M. (2016) The accuracy of self-reported internet use—a validation study using client log data. Communication Methods and Measures, 10, 13-27.

Riehm, K. E., Feder, K. A., Tormohlen, K. N., et al. (2019). Associations between time spent using social media and internalizing and externalizing problems among US youth. JAMA Psychiatry, 76, 1266-1273.

Holland, G., & Tiggemann, M. (2016) A systematic review of the impact of the use of social networking sites on body image and disordered eating outcomes. Body Image, 17, 100-110.

Moreno, M. A., D'Angelo, J., & Whitehill, J. (2016) Social media and alcohol: summary of research, intervention ideas and future study directions. Media and Communication, 4, 50-59.

Croucher, S. M., Nguyen, T., & Rahmani, D. (2020) Prejudice toward Asian Americans in the Covid-19 pandemic: The effects of social media use in the United States. Frontiers in Communication, 5, 39 https://doi.org/10.3389/fcomm.2020.00039

Fowers, A., & Wan, W. (2020, June 12) Depression and anxiety spiked among black Americans after George Floyd's death. The Washington Post Retrieved July 7, from https://www.washingtonpost.com/health/2020/06/12/mental-health-george-floyd-census/?arc404=true

Koeze, E., & Popper, N. (2020, June 1, 2020). The virus changed the way we internet. Retrieved August 18, 2021, from https://www.nytimes.com/interactive/2020/04/07/technology/coronavirus-internet-use.html

Ballard, P. J., Hoyt, L. T. & & Pachucki, M. C. (2019). Impacts of adolescent and young adult civic engagement on health and socioeconomic status in adulthood Child Development, 90(4), 1138–1154 https://jamanetwork.com/journals/jamainternalmedicine/articlepdf/410326/ioi60000.pdf

Rushing, S. C., & Stephens, D. (2011) Use of media technologies by Native American teens and young adults in the Pacific Northwest: Exploring their utility for designing culturally appropriate technology-based health interventions. The Journal of Primary Prevention, 32(3-4), 135–145. https://doi.org/10.1007/s10935-011-0242-z

Charmaraman, L., Chan, H. B., Chen, S., Richer, A., & Ramanudom, B. (2018). Asian American social media use: From cyber dependence and cyber harassment to saving face. Asian American Journal of Psychology, 9(1), 72–86. https://doi.org/10.1037/aap0000109

Riehm, K. E., Feder, K. A., Tormohlen, K. N., Crum, R. M., Young, A. S., Green, K. M., Pacek, L. R., La Flair, L. N., & Mojtabai, R. (2019). Associations between time spent using social media and internalizing and externalizing problems among US youth. JAMA Psychiatry, 76(12), 1266–1273. https://doi.org/10.1001/jamapsychiatry.2019.2325

Vaccaro, A., & Mena, J. A. (2011) It's not burnout, it's more: Queer college activists of color and mental health. Journal of Gay & Lesbian Mental Health, 15(4), 339–367. https://doi.org/10.1080/19359705.2011.600656. 2011/10/01

Assari, S., & Caldwell, C. H. (2018) High risk of depression in high-income African American boys. Journal of Racial and Ethnic Health Disparities, 5(4), 808–819. https://doi.org/10.1007/s40615-017-0426-1

Hope, D., & Thomas, J. (2018) The impact of social media on the mental health of young people Young Minds, 10(1), 3-10.

Lim, C., & Alrasheed, S. (2021). Vicarious social media racial discrimination and depressive symptoms among Black youth: The mediating role of racial identity. Journal of Youth and Adolescence, 50(1), 158-170

English, K., Tynes, B., & Bosson, J. (2020) Online racial discrimination and mental health among Black and Latinx adolescents Journal of Youth and Adolescence, 49(10), 2173-2185.

Tynes, B., Bosson, J., Mercado, L., & English, K. (2020) Social media racial discrimination and psychological distress among Black and Latinx adolescents. Journal of Black Psychology, 46(1), 1-18.

Benner, A. D., & Kim, Y. S. (2018) Racial discrimination and mental health among Asian American and Pacific Islander adolescents. Journal of Youth and Adolescence, 47(11), 2477-2488.

Yip, T. (2015). The influence of race-related social stressors on ethnic minority adolescents' mental health: A review of the literature. Journal of Youth and Adolescence, 44(7), 1507-1522.

Quintana, S. M., & McKown, M. (2008) Social identity and the development of prejudice in children and adolescents Child Development Perspectives, 2(2), 77-83

Priest, N., & Aranda, B. (2013) the experiences of racial discrimination and ethnic socialization among Latino adolescents: Implications for mental health. Journal of Youth and Adolescence, 42(12), 2382-2394.

Rideout, V. J., Foehr, U. G., & Roberts, D. F. (2016) Generation M2: Media in the lives of 8- to 18-year-olds Henry J. Kaiser Family Foundation

Martinsen, E. W. (2008). Physical activity in the prevention and treatment of anxiety and depression Nord J Psychiatry, 62, 25–29

Berryman, C., Ferguson, C., & Negy, C (2018) Social media use and mental health among young adults Psychiatr Q, 89, 307–314.

Coyne, S. M., Rogers, A. A., Zurcher, J. D., Stockdale, L., & Booth, M. (2020) Does time spent using social media impact mental health? An eight year longitudinal study Comput Hum Behav, 104, 106160

Escobar-Viera, C., Whitfield, D., Wessel, C., et al. (2018). For better or for worse? A systematic review of the evidence on social media use and depression among lesbian, gay, and bisexual minorities. JMIR Ment Health, 5, 10496.

Rahman, N. I., Ismail, S., Seman, T. N. A. T., et al. (2013). Stress among preclinical medical students of University Sultan Zainal Abidin. J Appl Pharm Sci, 3, 76–81.

O'Reilly, M., Dogra, N., Hughes, J., Reilly, P., George, R., & Whiteman, N. (2018). Potential of social media in promoting mental health in adolescents. Health Promot Int, 34, 981–991.

O'Reilly, M., Dogra, N., Whiteman, N., Hughes, J., Eruyar, S., & Reilly, P. (2018). Is social media bad for mental health and wellbeing? Exploring the perspectives of adolescents. Clin Child Psychol Psychiatry, 23, 601–613.

Vogels, E., Gelles-Watnick, R. & Massarat, N. (2022). Teens, Social Media and Technology 2022. Pew Research Center: Internet, Science & Tech. United States of America. Retrieved from https://www.pewresearch.org/internet/2022/08/10/teenssocial-media-and-technology-2022/

Federal Trade Commission (2023, February 3). Children's Online Privacy Protection Rule ("COPPA"). Federal Trade Commission Retrieved from https:// www.ftc.gov/legal-library/browse/rules/childrens-onlineprivacy-protection-rule-coppa

Rideout, V., Peebles, A., Mann, S., & Robb, M. B. (2022) Common Sense Census: Media use by tweens and teens, 2021. San Francisco, CA: Common Sense. Retrieved from https://www. commonsensemedia.org/sites/default/files/research/report/8- 18-census-integrated-report-final-web_0.pdf

Moreno, M. A., D'Angelo, J., & Whitehill, J. (2016) Social media and alcohol: Summary of research, intervention ideas and future study directions. Media Commun, 4, 50–59.

Fisher, B. W., Gardella, J. H., & Teurbe-Tolon, A. R. (2016) peer cyber victimization among adolescents and the associated internalizing and externalizing problems: A meta-analysis. J Youth Adolesc, 45, 1727–1743.

Nesi, J., & Prinstein, M. J (2015) Using social media for social comparison and feedback-seeking: Gender and popularity moderate associations with depressive symptoms J Abnorm Child Psychol, 43, 1427–1438.

Fardouly, J., & Vartanian, L. R. (2016) Social media and body image concerns: Current research and future directions. Curr Opin Psychol, 9, 1–5

Common Sense Media (2020) the new normal: Parents, teens, screens, and sleep in the United States. San Francisco, CA. [Jan; 2020].

Rideout, V., & Robb, M. B. (2018) Social Media, Social Life: Teens Reveal Their Experiences. Common Sense Media San Francisco, CA. [Jan; 2020].

Carter, B., Rees, P., Hale, L., Bhattacharjee, D., & Paradkar, M. S. (2016). Association between portable screen-based media device access or use and sleep outcomes: A systematic review and meta-analysis. JAMA Pediatr, 170, 1202–1208.

Office of the Surgeon General (OSG) (2021) Protecting Youth Mental Health: The U.S. Surgeon General's Advisory. US Department of Health and Human Services. Retrieved from https://www.hhs.gov/sites/default/files/surgeon-general-youth-mental-health-advisory.pdf

Bashir, H., & Ahmad, S. (2017). Effects of social media on mental health: A review. International Journal of Innovative Research in Information Communication Engineering, 5(4), 134-139.

Maza, M. T., Fox, K. A., Kwon, S. J., Flannery, J. E., Lindquist, K. A., Prinstein, M. J., & Telzer, E. H. (2023). Association of Habitual Checking Behaviors on Social Media With Longitudinal Functional Brain Development. JAMA pediatrics, 177(2), 160–167 https://doi.org/10.1001/jamapediatrics.2022.4924

Kruzan, K. P., Williams, K. D. A., Meyerhoff, J., Yoo, D. W., O'Dwyer, L. C., De Choudhury, M., & Mohr, D. C. (2022). Social media-based interventions for adolescent and young adult mental health: A scoping review. Internet interventions, 30, 100578. https://doi.org/10.1016/j.invent.2022.100578

Marwick, A. E., & Boyd, D. (2014) Networked privacy: How teenagers negotiate context in social media. New Media Soc, 16, 1051–1067.

Neira, C. J. B., & Barber, B. L. (2014) Social networking site use: Linked to adolescents' social self-concept, self-value, and depressed mood. Aust J Psychol, 66, 56–64.

Escobar-Viera, C., Whitfield, D., Wessel, C., et al. (2018) For better or for worse? A systematic review of the evidence on social media use and depression among lesbian, gay, and bisexual minorities JMIR Ment Health, 5, 10496

Mehmet, M., Roberts, R., & Nayeem, T (2020) Using digital and social media for health promotion: A social marketing approach for addressing co-morbid physical and mental health Aust J Rural Health, 1, 1–10

O'Reilly, M., Dogra, N., Hughes, J., Reilly, P., George, R., & Whiteman, N. (2018) Potential of social media in promoting mental health in adolescents Health Promot Int, 34, 981–991

Wartberg, L., Kriston, L., & Thomasius, R. (2020) Internet gaming disorder and problematic social media use in a representative sample of German adolescents: Prevalence estimates, comorbid depressive symptoms, and related psychosocial aspects. Comput Hum Behav, 103, 31–36.

Odgers, C. L., & Jensen, M. R. (2020) Adolescent mental health in the digital age: Facts, fears, and future directions. J Child Psychol Psychiatry, 61, 336–3