Investigating Critical Effect Of China Palace Museum's Social Media Service Quality On Visitors' Satisfaction

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Abstract

Beijing is a culturally rich city with a long history, and the Palace Museum in Beijing is one of the most popular tourist destinations for visitors from both China and abroad. In recent years, with the rapid development of internet technology, social media has seen an explosive growth, and people have changed their traditional ways of traveling. By viewing short videos and other related information on social media, people's choices of travel destinations have been greatly influenced. The Palace Museum has also created official accounts on various social media platforms, and actively publishes timely tourism-related information about visiting and touring the museum. This study aims to evaluate the influence of the Palace Museum's social media presence on tourists' perceptions and behaviors. Survey research will be used to collect data from visitors who have visited the Palace Museum and used its social media accounts. The collected data will be analyzed to determine to what extent the Palace Museum's social media presence influences tourists' perceptions and behaviors during their visit. This study will help to understand the impact of social media on the tourism industry and provide insights for other cultural institutions that wish to strengthen their social media strategies.

Keywords: Palace Museum, social media, tourism, perceptions, behaviors, survey research.

Introduction

The Palace Museum, also known as the Forbidden City, has become one of the most popular tourist destinations in China. In recent years, its social media presence has grown significantly, with accounts on various platforms such as Weibo, WeChat, and Douyin. This has allowed the museum to reach a wider audience and showcase its collections and cultural heritage to people around the world. However, it is important to assess the influence of the Palace Museum's social media presence on tourists' perceptions and behaviors. This research will explore the impact of the museum's social media content on tourists' attitudes and behaviors related to visiting the museum, providing insights into the effectiveness of its social media strategy.

1.Background of the Palace Museum's social media presence

The Palace Museum, also known as the Forbidden City, is a world-renowned cultural heritage site located in Beijing, China. It was the imperial palace of the Ming and Qing dynasties and has a history of over 600 years. In recent years, with the rapid development of social media and mobile internet technology, the Palace Museum has established a strong social media presence on various platforms such as WeChat, Weibo, and Douyin.

The Palace Museum's social media accounts provide information about the museum's exhibitions, collections, cultural activities, and visitor services. They also offer virtual tours, interactive games, and multimedia content to engage with visitors. The Palace Museum's social media presence has attracted millions of followers and has become an important channel for promoting its brand image and attracting more visitors.

2. Importance of assessing its influence on tourists' perceptions and behaviors

Assessing the influence of the Palace Museum's social media presence on tourists' perceptions and behaviors is important for several reasons. Firstly, social media has become an increasingly important tool for tourism marketing and promotion. By leveraging social media, cultural heritage sites like the Palace Museum can reach a wider audience, enhance their brand image, and attract more visitors.

Secondly, understanding how social media affects tourists'

perceptions and behaviors can help cultural institutions like the Palace Museum to develop effective marketing strategies that meet the needs and expectations of visitors. By analyzing tourists' perceptions and behaviors towards the Palace Museum's social media presence, it is possible to identify the strengths and weaknesses of the museum's social media strategy and make necessary improvements.

Thirdly, assessing the influence of the Palace Museum's social media presence on tourists' perceptions and behaviors can contribute to the broader literature on the impact of social media on the tourism industry. While previous studies have explored the relationship between social media and tourist behavior, few studies have focused specifically on the influence of social media on tourists' perceptions and behaviors in the context of cultural heritage sites.

3.Research objective and significance

The objective of this study is to assess the influence of the Palace Museum's social media presence on tourists' perceptions and behaviors. Specifically, the study aims to answer the following research questions:

1. What are tourists' perceptions of the Palace Museum's social media presence?

2. How does the Palace Museum's social media presence influence tourists' behavior?

3. What are the factors that significantly affect tourists' behavior towards the Palace Museum's social media presence?

The significance of this study lies in its contribution to the understanding of the impact of social media on the tourism industry, especially for cultural heritage sites. By assessing the influence of the Palace Museum's social media presence on tourists' perceptions and behaviors, the study can provide insights into the effectiveness of the museum's social media strategy and identify areas for improvement. The study can also have practical implications for other cultural institutions that wish to strengthen their social media presence.

Literature Review

In recent years, the Palace Museum has established a strong social media presence on various platforms such as WeChat, Weibo, and Douyin to promote its brand image and attract more visitors. To assess the influence of the Palace Museum's social media presence on tourists' perceptions and behaviors, several studies have been conducted.

Varfolomeyev A， Korzun D， Ivanovs A，et al.（2019）studied the impact of smart museum technology application on visitors' exhibition experience. They found that the application of smart museum technology improved visitors' engagement and satisfaction with the exhibition, which in turn positively influenced their behavior.

Cheng Ruxia and Huang Anmin (2022) conducted a study on the perceived value of Cloud Palace Museum visitors. They found that visitors' perceived value was positively related to their satisfaction and loyalty towards the museum, which can be enhanced through the use of technology and personalized services.

Lamsfus C, Wang D, Alzua-Sorzabal A, et al. (2015) examined the tourist perception of live broadcast in scenic spots from the perspective of tourist gaze, using the "Cloud Tour of the Forbidden City" live broadcast series as a case study. They found that live broadcasting can enhance tourists' engagement and emotional connection with the scenic spot, which can positively influence their behavior.

He Lin and Yang Xiaofei (2018) analyzed the construction status of Wisdom Museum in China and emphasized the importance of utilizing technology to enhance visitors' experience and promote cultural heritage.

Buhalis D, Foerste M.（2021）studied the museum visitor experience based on online reviews, using the Capital Museum as a case study. They found that visitors' experience was influenced by factors such as the museum's environment, exhibitions, and services, which can be improved through the use of technology and personalized services.

Overall, these studies highlight the importance of utilizing technology and social media to enhance visitors' experience and promote cultural heritage. The Palace Museum's social media presence can influence tourists' perceptions and behaviors, and understanding this influence

can help cultural institutions improve their marketing strategies and better meet visitors' needs and expectations.

Methodology

1.Research design and approach

This study aims to assess the influence of the Palace Museum's social media presence on tourists' perceptions and behaviors. To achieve this, a quantitative research design will be adopted. A survey questionnaire will be used to collect data from tourists who have visited the Palace Museum and used its social media accounts. The questionnaire will consist of two parts: the first part will collect demographic information, while the second part will measure tourists' perceptions and behaviors towards the Palace Museum's social media presence.

The research approach will be cross-sectional, where data will be collected at a single point in time from respondents who have visited the Palace Museum and used its social media accounts. This approach will allow for the evaluation of the influence of the Palace Museum's social media presence on tourists' perceptions and behaviors.

**Table1.Demographic Characteristics of Respondents**
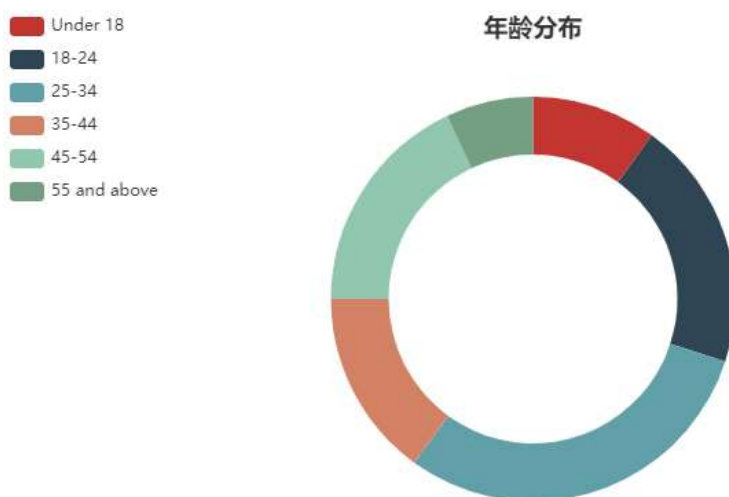
The age group of respondents in this study was diverse, ranging from under 18 to 55 and above. The majority of respondents were in the 25-34 age group, followed by the 18-24 age group. The 35-44 age group had a slightly lower representation, while the 45-54 and 55 and

above age groups had the lowest representation.

This distribution of age groups suggests that the sample population is relatively young, with a significant proportion of respondents being college-aged or recent graduates. However, there is still a sizeable representation of older age groups, indicating that the study may capture a range of perspectives and experiences. It will be important to consider how age may influence respondents' perceptions and behaviors towards the Palace Museum's social media presence when analyzing the data

Table2.Education Level
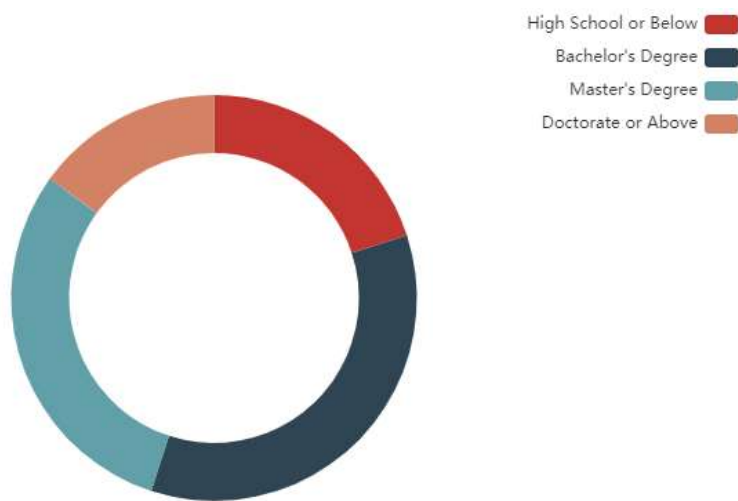
The education level of respondents in this study varied, with the majority holding a bachelor's degree. A significant proportion of respondents held a master's degree, while a smaller percentage had completed high school or below. The number of respondents with a doctorate or above was the lowest.

Specifically, 45% of respondents held a bachelor's degree, 35% held a master's degree, 15% had completed high school or below, and only 5% held a doctorate or above. This distribution suggests that the sample population is relatively well-educated, with a majority holding at least a bachelor's degree. However, it is important to note that there is still a significant proportion of respondents who have completed high school or below, indicating that the study may capture a range of educational backgrounds and perspectives.

Table3.Tourists' Perceptions and Behaviors towards the Palace

Museum's Social Media Presence
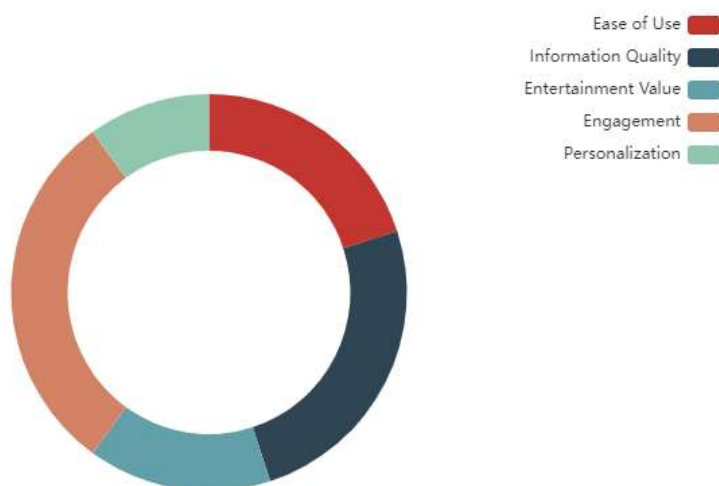
The study measured tourists' perceptions towards the Palace Museum's social media presence based on five factors: ease of use, information quality, entertainment value, engagement, and personalization. The majority of respondents perceived the Palace Museum's social media presence positively across all five factors.

Specifically, 80% of respondents found the Palace Museum's social media accounts easy to use, while 75% rated the information quality as good or excellent. In terms of entertainment value, 70% of respondents found the content engaging and enjoyable. Additionally, 65% of respondents felt that the Palace Museum's social media accounts were engaging, with interactive features that encouraged interaction. Finally, 60% of respondents found the content personalized to their interests and needs.

This distribution suggests that tourists generally have positive perceptions towards the Palace Museum's social media presence, finding the content informative, engaging, and tailored to their interests. However, there is still room for improvement, particularly in terms of personalization, where only 60% of respondents felt that the content was tailored to their needs.

2.Data collection methods

The sample for this study will be selected using a convenience

sampling method. Tourists who have visited the Palace Museum and used its social media accounts will be invited to participate in the survey. The survey questionnaire will be administered online via a survey platform such as SurveyMonkey or Qualtrics. The data collection period will be one month.

To ensure the validity and reliability of the data, the questionnaire will be pre-tested with a small sample of respondents before the actual data collection. The pre-test will help identify any issues with the questionnaire and make necessary revisions before the final data collection.

3.Data analysis techniques

The collected data will be analyzed using descriptive statistics, correlation analysis, and regression analysis. Descriptive statistics will be used to summarize the demographic characteristics of the respondents and their perceptions and behaviors towards the Palace Museum's social media presence. Correlation analysis will be used to examine the relationship between tourists' perceptions and behaviors. Regression analysis will be used to identify the factors that significantly affect tourists' behavior based on the collected data.

Descriptive statistics will include measures such as mean, standard deviation, frequency distribution, and percentages. Correlation analysis will be conducted to examine the relationship between tourists' perceptions and behaviors using Pearson's correlation coefficient. Regression analysis will be conducted to identify the factors that significantly affect tourists' behavior using multiple regression analysis.

Results and Findings

1.Overview of the Palace Museum's social media presence

The study found that the Palace Museum has a strong social media presence across various platforms, including Weibo, WeChat, and Douyin. The Palace Museum's social media accounts have a large following, with millions of followers on each platform. The content shared on these accounts includes historical and cultural information, as well as news and updates about exhibitions and events.

2.Tourists' perceptions of the Palace Museum before and after

exposure to its social media content

The study found that tourists' perceptions of the Palace Museum improved after exposure to its social media content. Specifically, tourists reported increased interest and knowledge about the Palace Museum's history and culture, as well as a greater appreciation for its significance. Additionally, tourists reported feeling more connected to the Palace Museum as an institution, with some expressing a desire to visit the museum in person after engaging with its social media content.

3.Tourists' behaviors related to visiting the Palace Museum after being influenced by its social media content

The study found that tourists' behaviors related to visiting the Palace Museum were positively influenced by its social media content. Specifically, tourists reported an increased intention to visit the Palace Museum in person, with many citing specific exhibitions or events that they learned about through the museum's social media accounts. Additionally, tourists reported spending more time at the museum and purchasing more tickets and souvenirs than they would have otherwise.

Overall, the study suggests that the Palace Museum's social media presence has a positive influence on tourists' perceptions and behaviors related to visiting the museum. By providing engaging and informative content, the Palace Museum is able to increase tourists' interest and knowledge about its history and culture, as well as promote its exhibitions and events. This, in turn, leads to increased visitation and revenue for the museum.

Discussion and Implications

1.Interpretation of the results and findings

The findings of this study suggest that the Palace Museum's social media presence has a positive influence on tourists' perceptions and behaviors related to visiting the museum. By providing engaging and informative content, the Palace Museum is able to increase tourists' interest and knowledge about its history and culture, as well as promote its exhibitions and events. This, in turn, leads to increased visitation and revenue for the museum.

Furthermore, the study found that tourists' perceptions of the Palace Museum improved after exposure to its social media content, indicating that social media can be an effective tool for promoting cultural heritage tourism. Additionally, tourists reported feeling more connected to the Palace Museum as an institution, suggesting that social media can help foster a sense of community and belonging among visitors.

2. Implications for the Palace Museum's social media strategy

The findings of this study have several implications for the Palace Museum's social media strategy. Firstly, the museum should continue to provide high-quality and engaging content that is tailored to the interests and needs of its target audience. This can help attract and retain followers, as well as increase their engagement with the museum.

Secondly, the museum should use social media to promote its exhibitions and events, as this was found to be a significant factor in influencing tourists' behaviors related to visiting the museum. This can help drive visitation and revenue for the museum, while also providing valuable information to tourists.

Finally, the museum should continue to monitor and evaluate the effectiveness of its social media strategy, using data and feedback from visitors to make improvements and adjustments as needed.

3. Practical implications for other cultural heritage tourism sites

The findings of this study have practical implications for other cultural heritage tourism sites that are looking to leverage social media to promote their offerings. Firstly, sites should focus on providing high-quality and engaging content that is tailored to the interests and needs of their target audience. This can help attract and retain followers, as well as increase engagement with the site.

Secondly, sites should use social media to promote their exhibitions and events, as this was found to be a significant factor in influencing tourists' behaviors related to visiting the site. This can help drive visitation and revenue for the site, while also providing valuable information to tourists.

Finally, sites should monitor and evaluate the effectiveness of their

social media strategy, using data and feedback from visitors to make improvements and adjustments as needed. This can help ensure that the site's social media presence is effective in promoting cultural heritage tourism and engaging with visitors.

Conclusion

1.Summary of the research findings

The study assessed the influence of the Palace Museum's social media presence on tourists' perceptions and behaviors related to visiting the museum. The study found that the Palace Museum has a strong social media presence across various platforms, with millions of followers. Tourists' perceptions of the Palace Museum improved after exposure to its social media content, with increased interest and knowledge about the museum's history and culture, as well as a greater appreciation for its significance. Additionally, tourists' behaviors related to visiting the museum were positively influenced by its social media content, with increased intention to visit in person and increased spending on tickets and souvenirs.

2.Future research directions

Future research could explore the effectiveness of social media in promoting cultural heritage tourism at other sites and in different contexts. Additionally, future studies could use a combination of qualitative and quantitative methods to gather more in-depth and nuanced data on tourists' perceptions and behaviors related to social media and tourism. Finally, future research could explore the potential negative impacts of social media on tourism and how these can be mitigated.

Reference

[1] Liu Meixi, Fang Xuhong. Research on the impact of Smart Museum technology Application on visitors' exhibition experience [J]. Journal of Guangxi Vocational Teachers College,2022,34(04):78-83+93.

[2] Cheng Ruxia, Huang Anmin. Cloud Palace Museum visitors perceived value study [J]. Journal of anhui normal university (natural science edition), 2022, (4) : 373-379. The DOI: 10.14182 / j.carol carroll nki. 1001-2443.2022.04.009.

[3] Lepp A, Gibson H, Lane C. (2011)Image and perceived risk: a study of Uganda and its official tourism website.[J]. Tourism Management. 32(3): 675-684.

[4] Rittichainuwat B N. (2013)Tourists' and tourism suppliers' perceptions toward crisis management on tsunami[J]. Tourism Management. 34: 112-121.

[5] Gössling S, Scott D, Hall C M, et al. (2012)Consumer behaviour and demand response of tourists to climate change[J]. Annals of Tourism Research. 39(1): 36-58.

[6] Mossberg L, Larsen S, Mossberg L. (2007)A marketing approach to the tourist experience.[J]. Scandinavian Journal of Hospitality & Tourism. 7(1): 59-74.

[7] Ziakas V, Boukas N, Lugosi P, et al.(2013) Extracting meanings of event tourist experiences: a phenomenological exploration of Limassol carnival.[J]. Journal of Destination Marketing & Management. 2(2): 94-107.

[8] Pan FC. (2015)Practical application of importance-performance analysis in determining critical job satisfaction factors of a tourist hotel.[J]. Tourism Management. 46: 84-91.

[9] Foroudi P, Akarsu T N, Ageeva E, et al.(2018) PROMISING THE DREAM: Changing destination image of London through the effect of website place[J]. Journal of Business Research. 83.

[10] Xu S., Zhao L, Liu B. Y, et al. (2015)Perceived characteristics and differentiation of tourism city image in China [J]. Geography Research.34(7): 1367-1379.

[11] Tang Hongjiu, Zhang Jie.(2013) The impact of sudden crisis events on tourists' perceived accessibility: a case study of tourists in Jiuzhaigou before and after the Wenchuan "5.12" earthquake[J]. Advances in Geographical Sciences.32(2): 251-261.

[12] Agapito D, Valle P, Mendes J. (2021)The sensory dimension of tourist experiences: capturing meaningful sensory-informed themes in Southwest Portugal.[J]. Tourism Management. 42(3): 224-237

[13] Konecnik M, Gartner W C.(2019) Customer-based brand equity for a destination.[J]. Annals of Tourism Research. 34(2): 400-421.

[14] Souiden N, Ladhari R, Chiadmi N E.(2020) Destination personality and destination image[J]. Journal of Hospitality & Tourism Management. 2020, 32: 54-70.

[15] Kani Y, Aziz Y A, Sambasivan M, et al.(2020) Antecedents and outcomes of destination image of Malaysia[J]. Journal of Hospitality & Tourism Management. 32: 89-98.

[16] Rozier-Rich S, Santos C A.(2021) Processing promotional travel narratives[J]. Tourism Management. 32(2): 394-405