**Abstract**

The sharing rental platforms have seen a significant growth in recent times. The advancements in information technology and the increase in the usage of smartphones and social media have influenced the sharing economy. Airbnb is the biggest sharing rental platform in tourism industry. The ability to accurately estimate the price of Airbnb listings could have huge implications on this industry and all the stakeholders involved, hosts, guests, Airbnb, etc. In this work, we propose a thorough investigation of the most important attributes that determine the price of different groups of Airbnb listings. We hope to find if the price determinants are different for different groups of listings. We can also use these findings to fine-tune and customize our regression model for each group of listings and improve the accuracy of the predictions.

**References**

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