

IEOR 242 Project Proposal - Proposal Title

Arnaud Minondo, Kashin Shah, Muskan Parnami, Rishi Banerjee, and Julien Raffy

IEOR Department, UC Berkeley

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Airbnb is an online marketplace focused on short-term home stays and experiences [1]. Investing in short-term rentals like Airbnb can be extremely lucrative — as long as your rental is in the right location and you are asking for the appropriate rent. The goal of this project, is to predict both the demand and the appropriate price of a rental in a city like New York. This analysis will take into account the characteristics of the rental, its location, as well as diverse exterior features related to the neighbourhood such as the points of interest around or the population. The data used will come from different sources, Kaggle datasets [2], Airbnb data [3], Google Maps point of interest [4].

References

- [1] Airbnb Wikipedia webpage, <https://en.wikipedia.org/wiki/Airbnb>
- [2] Kaggle Datasets, <https://www.kaggle.com/datasets?search=airbnb+new+york>,
- [3] Inside Airbnb website, <http://insideairbnb.com/>
- [4] Google Maps API, <https://developers.google.com/maps/documentation/places/web-service>