



Project Title	Airbnb Data Analytics
Technologies	Data Science
Domain	Transportation and Communication
Project Difficulties level	Intermediate

Problem Statement:

Since 2008, guests and hosts have used Airbnb to expand on travelling possibilities and present a more unique, personalized way of experiencing the world. This dataset describes the listing activity and metrics in San Diego, California for 2019. This data file includes all the needed information to find out more about hosts, geographical availability, and necessary metrics to make predictions and draw conclusions.

Objectives: Research Questions

Regarding the Host

- Who is the top earners.
- Is there any relationship between monthly earnings and prices

Regarding the Neighbourhood

- Is Any particular location getting a maximum number of bookings
- Price relation with respect to location

Regarding the reviews

- Relationship between Quality and Price

Regarding Price

- Price vs amenities
- Price vs location

Find key metrics and factors and show the meaningful relationships between attributes. Do your own research and come up with your findings.

Dataset:

Dataset is available in the given link. You can download it at your convenience.

[Download Data](#)

Approaches:

Python, Tableau, Power BI or you can use any tools and techniques as per your convenience. We would appreciate your valid imagination in finding solutions.

Project Evaluation metrics:

Code: As per the requirements

- You are supposed to write code in a modular fashion
- Safe: It can be used without causing harm.
- Testable: It can be tested at the code level.
- Maintainable: It can be maintained, even as your codebase grows.
- Portable: It works the same in every environment (operating system)

Submission requirements:

Project work:

For Tableau: You will have to share the Tableau Public Link of your work

For Python: You have to submit your code PDF file at the final submission.

Detail project report:

You have to create a detailed project report and submit that document as per the given sample.

Demo link

[Sample Project Report](#)