**Inputs:**

Dataset: US Airbnb Open Data  
Size: 218K unique values  
Timeframe: 2020 & 2023

**Data Analysis / Exploration Hypothesis:**

*Understanding customer demand to inform investment decisions*

1. What are the most popular cities in the U.S. for Airbnb?
2. What are the most expensive AirBnBs? Least expensive?

*Understanding customer behavior to inform types and styles*

1. On average, how often did customers stay in an AirBnB? i.e., What is the mean?
2. What is the correlation between reviews and time available to rent AirBnB?
3. What are the most popular rental timeframes? Is it different by city?
   1. Does weather / season impact rentals (i.e., pull in weather channel api data)

*Understanding historical data and correlations to project future plans*

1. What comparisons can be made between 2020 and 2023 dataset, e.g.:
   1. Number of rentals
   2. Price of rentals
   3. Review of rentals
2. What was the impact of pandemic (i.e., COVID) of AirBnB rentals?

**Planned Output:**

1. Summary table to answer questions
2. Data visualization (e.g., bar graph, etc.)
3. Analysis and recommendations based on analyzed data

**Source:** https://www.kaggle.com/datasets/kritikseth/us-airbnb-open-data