Click here to toggle on/off the raw code.

1. Introduction

Airbnb is easily on of the most successful start-ups in recent history. Their business model

1.1 Intent

1.2 Objectives

1.3 Impact

• Build an accurate price predictor to provide a range of prices to customer using the following features about their apartment: (model features go here)

COVID Impact, how has covid impacted profits/rentals? What does the rest of Q2 and Q 3 losses look like? What could the damage be ovrall for the year of 2020?

Who are the most successful hosts on the platform? What can you tell me about them? How have the most profitable hosts on the platform been affected?

1. Introduction

- 1.1 Intent
- 1.2 Objectives
- 1.3 Impact
- 2. Table of Contents
- 3. Data Overview
- 3.1 About the Data
- 3.2 Preview Data
- 3.3 Data Overview Metrics
- 4. Impact of COVID 19 on Gross Rental Revenue
- 4.1 Methodology
- 4.2 Results
- 4.3 Decision Recommendations

5. Airbnb Rental Prices in San Francisco

- 5.1 Methodology
- 5.2 Original TSO Forecast
- 5.3 Mulitvariate XGBRegressor Forecast
- 5.4 Decision Recommendations

6. Conclusion

- 6.1 Takeaways
- 6.2 Future Research