

Airbnb Price Analysis Report

Project Overview

This project analyzes Airbnb listings in New York and Sydney using Python libraries including Pandas, Seaborn, and Matplotlib. It aims to explore pricing patterns based on city, room type, and geographic distribution.

Objectives

- Compare average prices between cities
- Analyze price distribution across room types
- Visualize geographic location of listings

Technologies Used

- Python
- Pandas
- Matplotlib
- Seaborn
- Jupyter Notebook

Visualizations

The project includes bar charts showing average prices by city and room type, box plots for price distribution, and scatter plots for geographic mapping.

Conclusion

Significant price differences were observed between New York and Sydney, with Sydney generally having higher average prices. Room type also plays a key role in price variation.