

Airbnb Rome 2022

Rome the capital of Italy is also known for being one most visited city worldwide, is consider the heart for food and tourism industry. In 2019 Rome welcomed 10.32 million tourists ranking Rome in the 17th place as the most visited.



DATA ANALYSIS

Three main components for this project

Data Extraction



Data Cleaning
and Analysis using
Python



Visualization



Data
Extraction

Data
Cleaning

Data
Processing

Analyze
Data

Detect
Trends

Make
Predictions

Draw
Conclusions

Description

There are many Airbnb listings in Rome to meet the high demand for temporary lodging for anywhere between a few nights or for many months. In this project, I'm going to take a look at the Rome Airbnb market for the year 2022 by merging multiple tables listed in this website: <http://insideairbnb.com/get-the-data/> with creative Commons Attribution 4.0, which means I'm free or authorized to:

- **Share** copy and redistribute the material in any medium or format for any purpose, even commercially.
- **Adapt**, remix, transform, and build upon the material for any purpose, even commercially.

Under the following terms:

- **Attribution** I must give appropriate credit, provide a link to license, and indicate if changes were made.ⁱⁱ

My goal is to format, process and clean the data in order to analyse and answer key questions such as:

- What is the average price per night, of an Airbnb listed in Rome?
- How does the average price of an Airbnb listing per month compared to the private rental market?
- How many Airbnb's were listed in the year 2022?
- How many Airbnb private rooms were listed?
- How do Airbnb listing prices compare across the different neighbourhoods in Rome?
- Extract the key topics from the many comments or reviews posted in the comment column from the dataset and make a Word Cloud visualization to better understand what are the most prevalent topics for the listed Airbnb Listings in Rome.
- Construct visualizations such as plots, word clouds, bar graphs to comply with the principles of data visualization or storytelling in order to better understand the Data.

ⁱ <https://www.dreambigtravelfarblog.com/blog/rome-travel-tourism-statistics>

ⁱⁱ <https://creativecommons.org/licenses/by/4.0/>