

Lab 2 Artifacts to Submit - team2345

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Database

Madrid Airbnb Data, *Information about Airbnb Listings in Madrid, Spain*

- <https://www.kaggle.com/rusiano/madrid-airbnb-data>

- size: 613MB

- files: 7

Known Data:

1. Reviews (Listing ID, date)
2. Reviews Detailed (listing id, id, date, reviewer id, reviewer name, comments)
3. Calendar (listing id, date, availability, price, adjusted price, # minimum/maximum nights)
4. Listings (id, name, host id, host name, neighborhood, neighborhood group, latitude, longitude, room type, price)
5. Listings Detailed (id, listing url, scrape id, last scraped date, name, summary, space, description, experiences offered, neighborhood overview)
6. Neighborhoods (neighborhood, neighborhood group)

Platform

- Web Application

Programming Languages

- Python
- HTML
- CSS
- JavaScript / TypeScript

Frameworks

- Flask (Python Rest API Framework)
- Angular (Front-End Framework for JavaScript/TypeScript)

Features List

- What is the average price for a rental per neighborhood?
- What are the most popular neighborhoods per month?
- What are the peak months per neighborhood?
- Which listings are the cheapest in each neighborhood?
- Which listings are booked most frequently in each neighborhood?