A2-AirBNB-Madrid-dataset File:

listings_va.xlsx:

- id: unique identifier for each property

- name: short name or description of property (provided by host)

- description: longer description of property (provided by host)

- neighborhood_overview: description of neighbourhood in which property is located (provided by host)

- host_id: unique identifier for each host

- host_name: name of the host

- host_since: date when owner started posting property(ies)

- host_total_listings_count: number of properties being hosted by each host

- neighbourhood_group_cleansed: name of neighbourhood in which property is located (provided by host)

- latitude: geographic latitude of property

- longitude: geographic longitude of property

- property_type: type of property as indicated by the host

- room_type: all listings are grouped into Entire home/apt, Private room, Shared room, or Hotel room

- accommodates: number of people that the property can accommodate

- bathrooms: the number of bathrooms

- bathrooms_text: details about the bathrooms

- bedrooms: the number of bedrooms

- price: advertised price per night to rent the property

- first_review: date of first review of property

- last_review: date of last review of property

- reviews_per_month: average reviews per month the property receives

- review_scores_rating: overall customers' review score of the property (out of 100)

- review_scores_accuracy: customers' review score of accuracy of host description of property (out of 10)

- review_scores_cleanliness: customers' review score of cleanliness of property (out of 10)

- review_scores_checkin: customers' review score of check-in experience (out of 10)

- review_scores_communication: customers' review score of host communication (out of 10)

- review_scores_location: customers' review of property location (out of 10)

- review_scores_value: customers' review of value of stay (out of 10)

- instant_bookable: whether the guest can book the listing without the host requiring to accept their booking request

- ~~cancellation_policy: the cancellation policy indicated by the host~~

File: reviews_va.xlsx:

- id: unique ID for each review posting

- listing_id: corresponding property id pertaining to the review posting (= id in file listings_clean.csv)

- date: date when review was posted

- reviewer_id: unique ID for each reviewer

- reviewer_name: name of the reviewer

- comment: text description from customer (feedback on their stay at the property)