

# IVIS 2025

# Group 5

AinBnb in Vienna

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# AirBnb in Vienna

- How do listings of AirBnb accommodations vary across Vienna?
- Solution: offer an interactive data exploration system

# Components

- Interactive Map
  - Show aggregated data
  - Zoomable
  - Show details when zoomed in
- Barchart/Histogram
  - Show detail statistics
  - Filtered by zoomed in area
- Options
  - What attributes to show

# Data

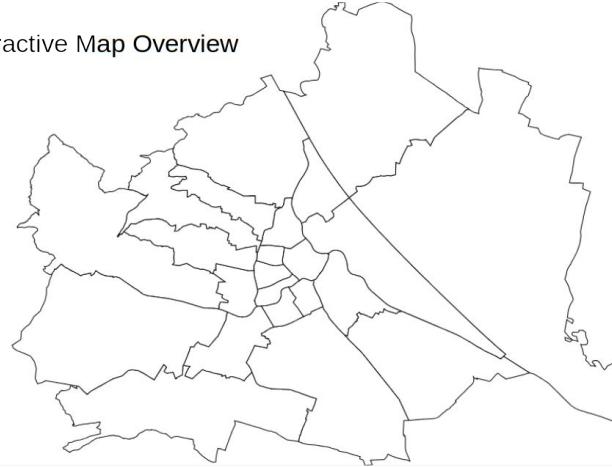
- Data scrapped by a third party
- listings.csv
- Ca 20.000 listings
- <https://insideairbnb.com/get-the-data>

# Data - Attributes

- Geographical Coordinates
- Price
- Availability
- Room type
- Number of reviews

## Interactive Map Overview

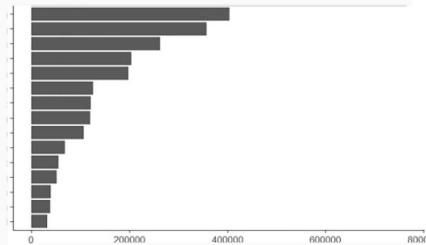
# Sketch



### Options

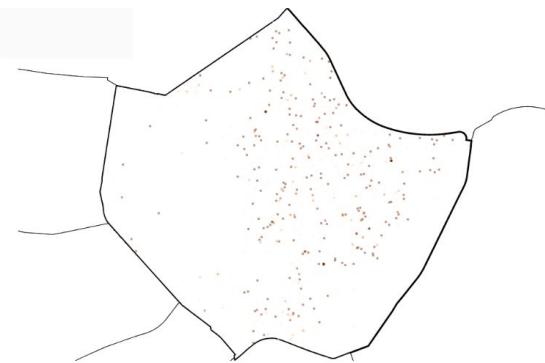
- + price
- + availability
- + reviews

### Statistics



# Sketch

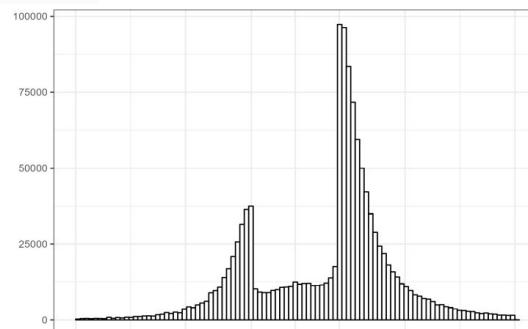
District Detail



Options

- + price
- + availability
- + reviews

Histogram



# Video

[https://drive.google.com/file/d/1C9PvVxMJSp9tpf\\_tkpG\\_lydFCQJj5z0T/view?usp=sharing](https://drive.google.com/file/d/1C9PvVxMJSp9tpf_tkpG_lydFCQJj5z0T/view?usp=sharing)