

## Lab 2 - Madrid Airbnb Data Analyzer

<b>Platform:</b>	<b>1</b>
<b>Programming Languages:</b>	<b>1</b>
<b>Feature List:</b>	<b>1</b>
<b>Important features:</b>	<b>1</b>

### Madrid Airbnb Data

Data we have:

- Region/ Neighbourhood\_group/ neighbourhood/ x,y coordinates
- Price
- Availability dates, min/max nights
- Name
- Summary/space/description/neighborhood

**Platform:**

Web Application

**Programming Languages:**

- HTML/CSS
- JavaScript
- Python
- C++

**Feature List:**

1. Rank areas/neighborhoods by average highest/lowest prices
2. Which neighborhoods have upward or downward trends in price over time?
3. What days of the week have higher/lower average prices?
4. What days have a greater percentage of listings booked?
5. Do listings with higher or lower minimum night values have higher average prices?
6. Display bar chart of price distribution by region

**Stretch Goals:**

7. Select from listings within a radius from a coordinate or listing id
8. Display on map
9. Keyword search