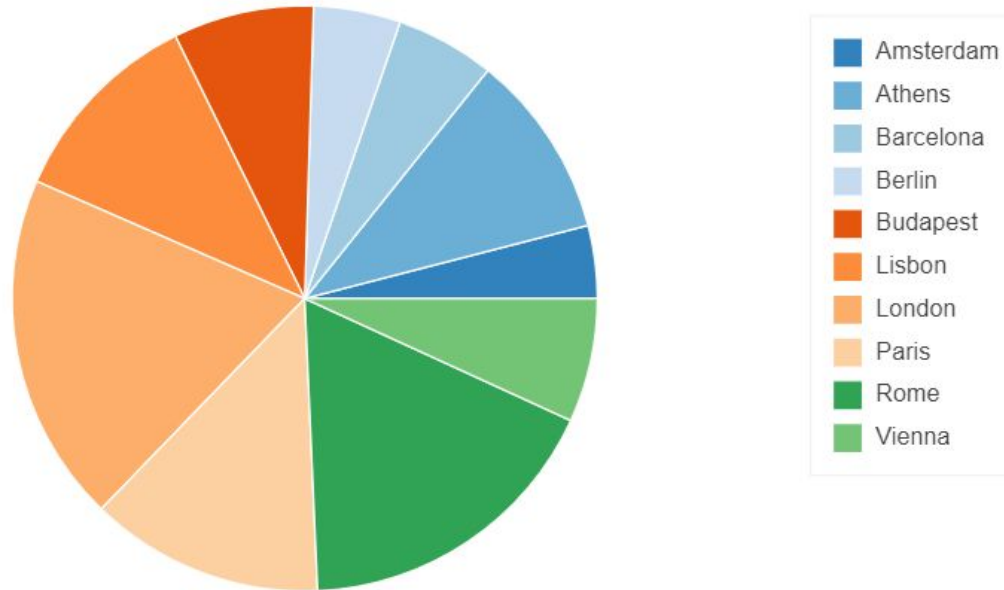


DSML Project Pitch

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Dataset

- Determinants of Airbnb prices in European cities
- 22 features
- effects of qualitative and geographical factors on prices



Features & Target



Spatial Features
Distance to city center
Metro index
Restaurant index
Attraction index
city?
latitude/longitude?



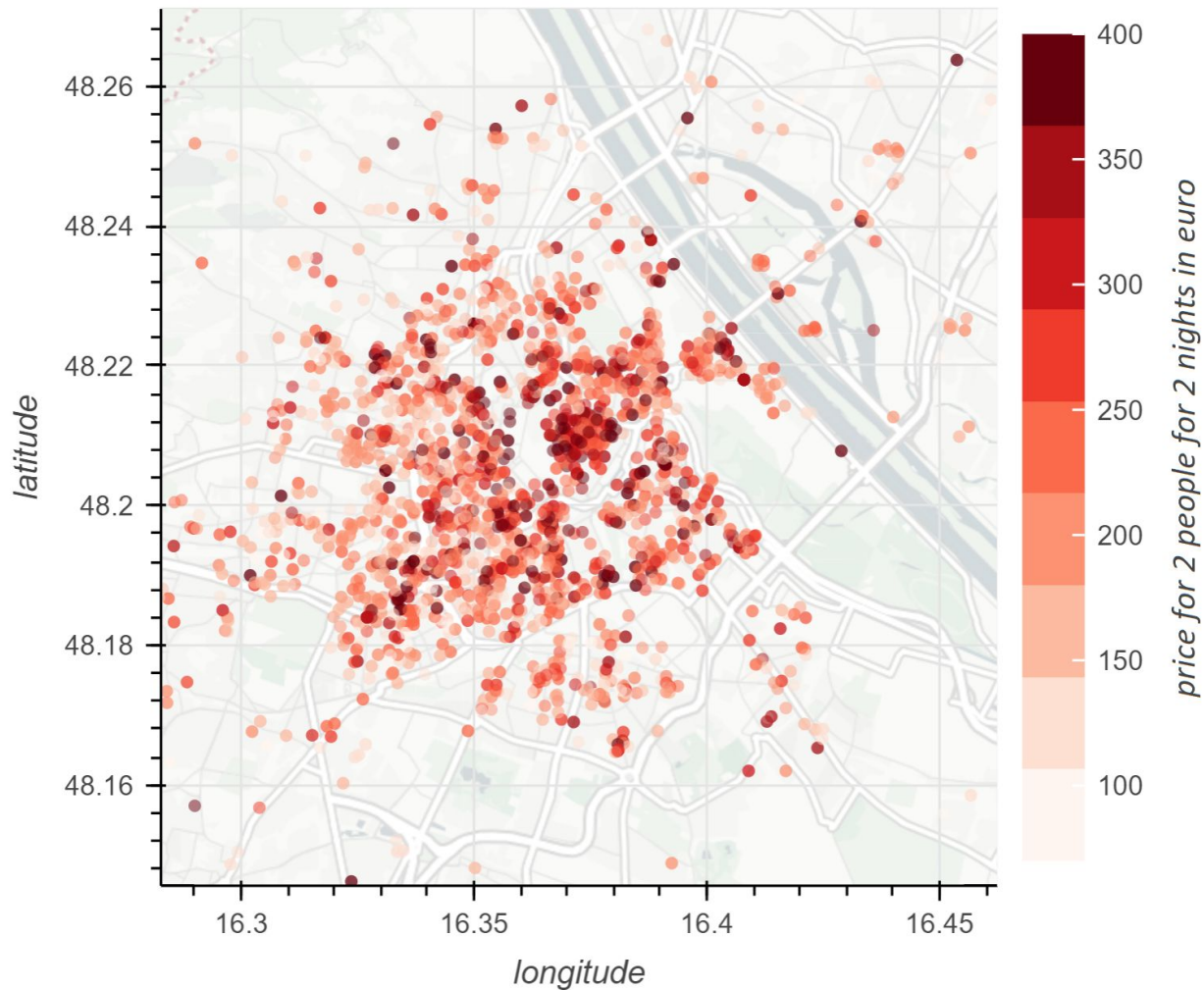
Quality Features
Cleanliness
Satisfaction
Weekend



Basic Features
Superhost status
Room type
Room capacity



Target
Price



Working method

- regression
- predict separately based on 2 types of feature categories: spatial + quality
- result: which group of features the price is most influenced by

Preliminary Schedule

