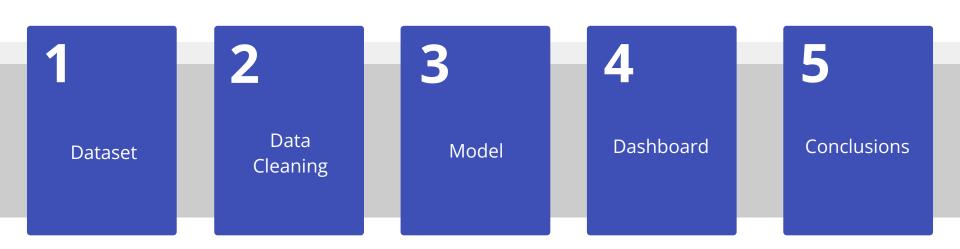


Best Place to Invest

Airbnb Data | AirDNA Laura Clark Sánchez "Which neighborhood in Barcelona would be ideal for purchasing a property as an investment for a short-term rental business?"

Agenda





ANNUAL REVENUE

NEIGHBORHOOD

BATHROOMS

AVERAGE DAILY RATES

AMENITIES

BEDROOMS

BATHROOMS

MINIMUM STAY



Checking NaNs

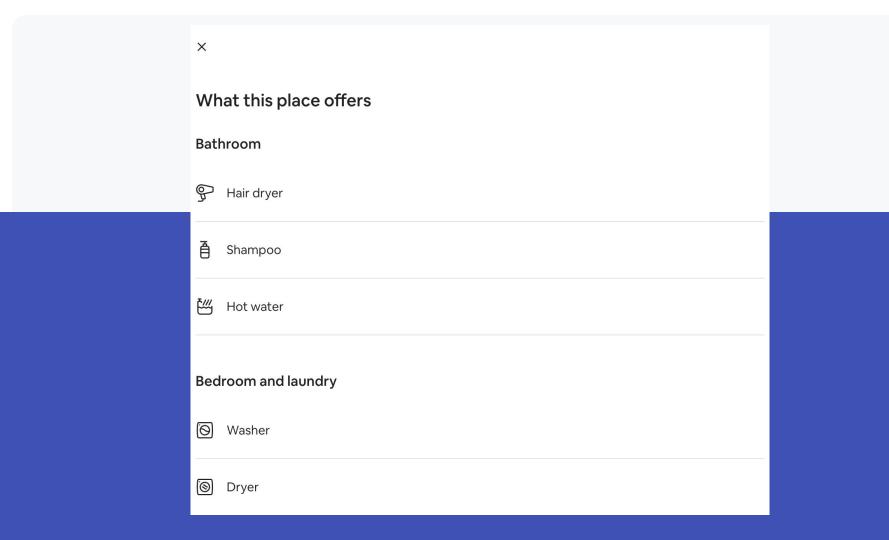
```
In [16]: # We are going to change the Annual Revenue NaN rows 8
          annual df3['Annual Revenue'].fillna(0, inplace=True)
In [17]: # We are going to change the Occupancy NaN rows 0
          annual_df3['Occupancy Rate'].fillna(0, inplace=True)
In [18]: # We are going to change the Neighborhood NaN rows the majority
          annual_df3['Neighborhood'].value_counts()
Out[18]: Neighborhood
la Dreta de l'Eixample
          Sant Pere, Santa Caterina i la Ribera
el Raval
         la Sagrada Familia
el Barri Gòtic
          el Bon Pastor
          Canyelles
la Clota
          Name: count, Length: 68, dtype: int64
In [19]: annual_df3['Neighborhood'].fillna("la Dreta de l'Eixample", inplace=True)
In [20]: annual_df3['Airbnb Superhost'].value_counts()
Out[20]: Airbnb Superhost
          False 18969
True 2488
          Name: count, dtype: int64
```

Checked the following columns that have Nans: Average Daily Rate, Annual Revenue, Occupancy Rate, Airbnb Superhost, Minimum Stay, Pets Allowed

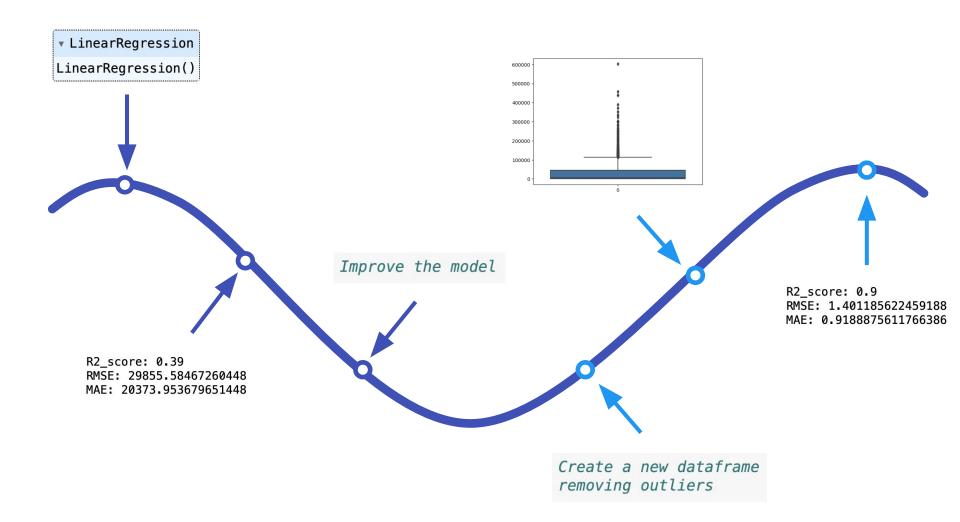
Adding new columns

		/ 0		
Pets Allowed	Has Pool	Has Air Conditioning		Has Terrace
False	False	True	False	False
True	False	True	False	False
False	False	True	False	False

Added new columns as boolean: *Has Pool, Has Air Conditioning, Has Parking, Has Terrace,* to help with my analysis

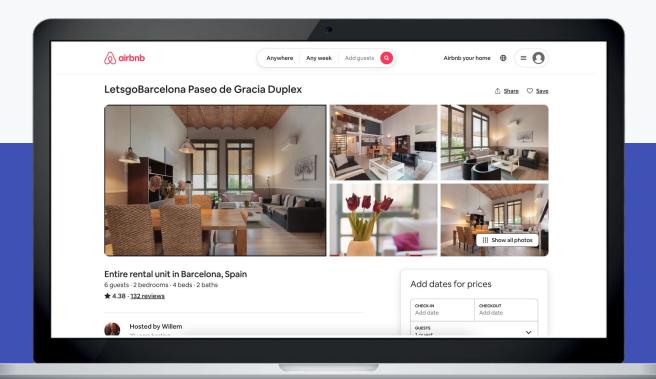




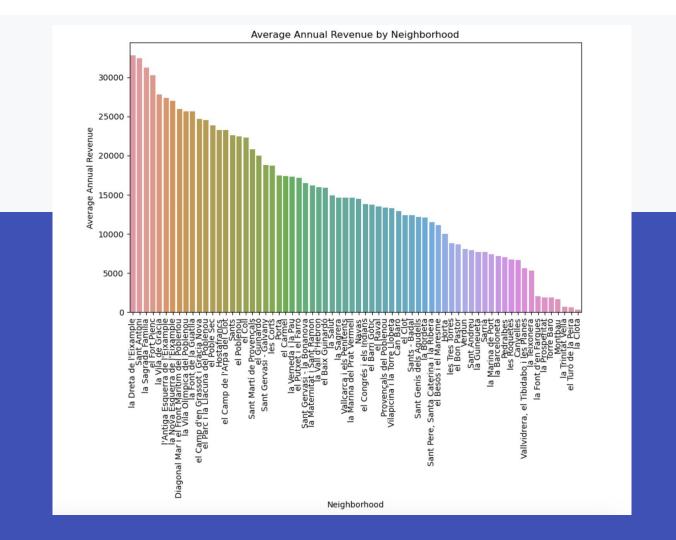


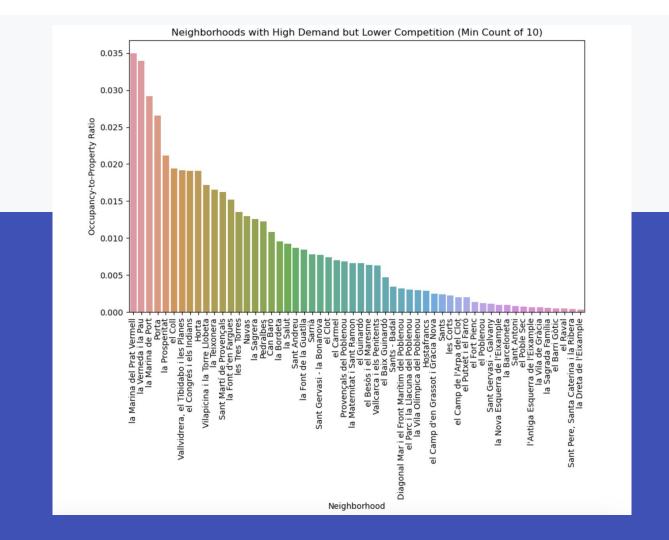


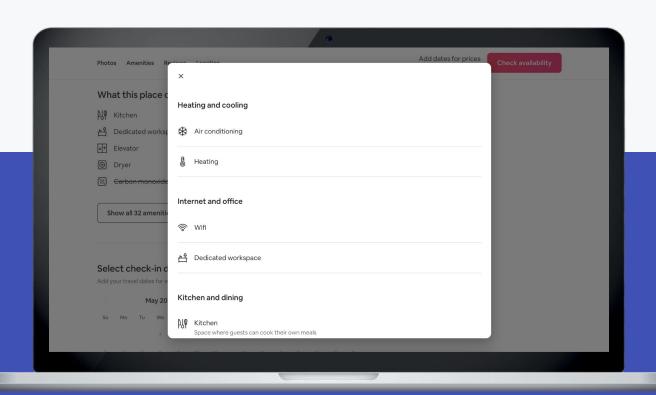




LetsgoBarcelona Paseo de Gracia Duplex









Thank you!