Formulating Data from Yelp and Foursquare API

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Data Results from City Bikes, Yelp and FSQ

City Bikes

Total Locations: 223

Total Bikes: 1616

Yelp

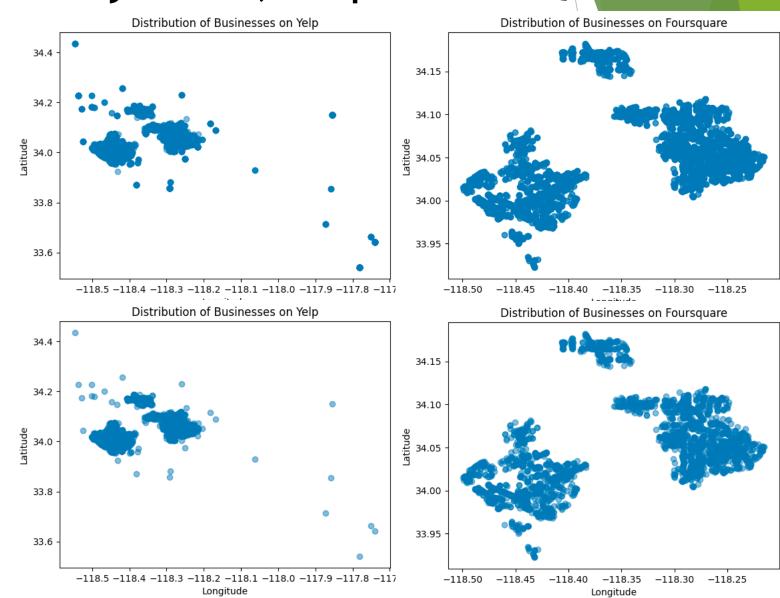
Results from API: 13696

Cleaned Dataframe: 3422

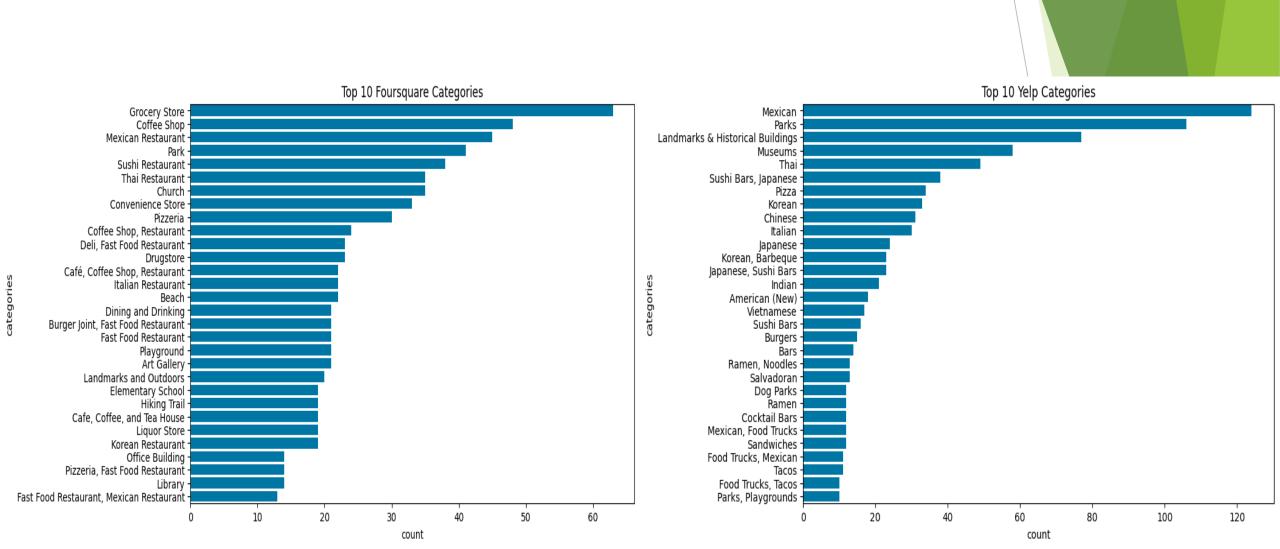
Foursquare

Results from API: 18142

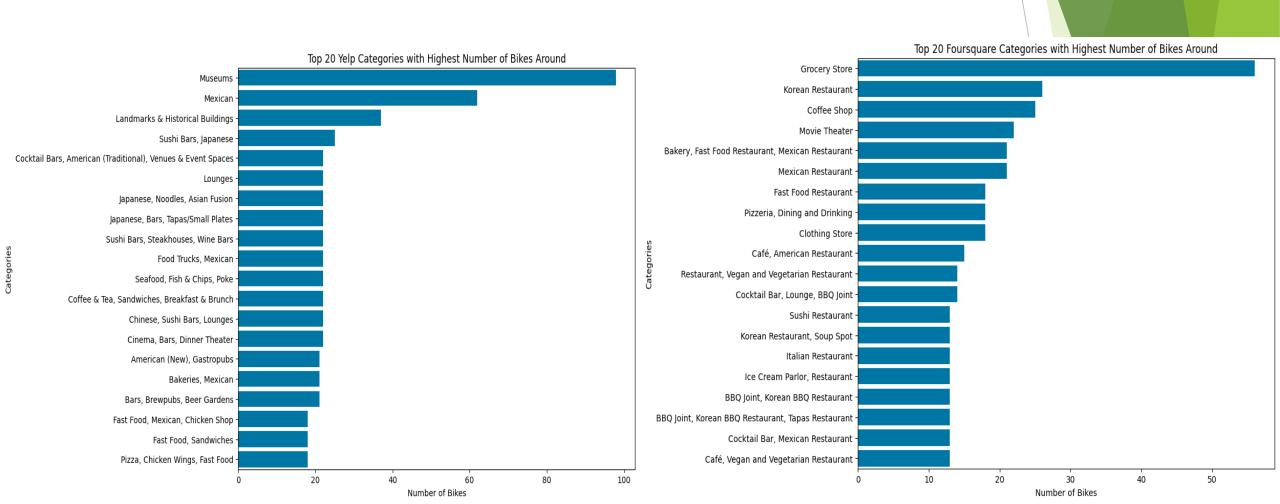
Cleaned Dataframe: 2465



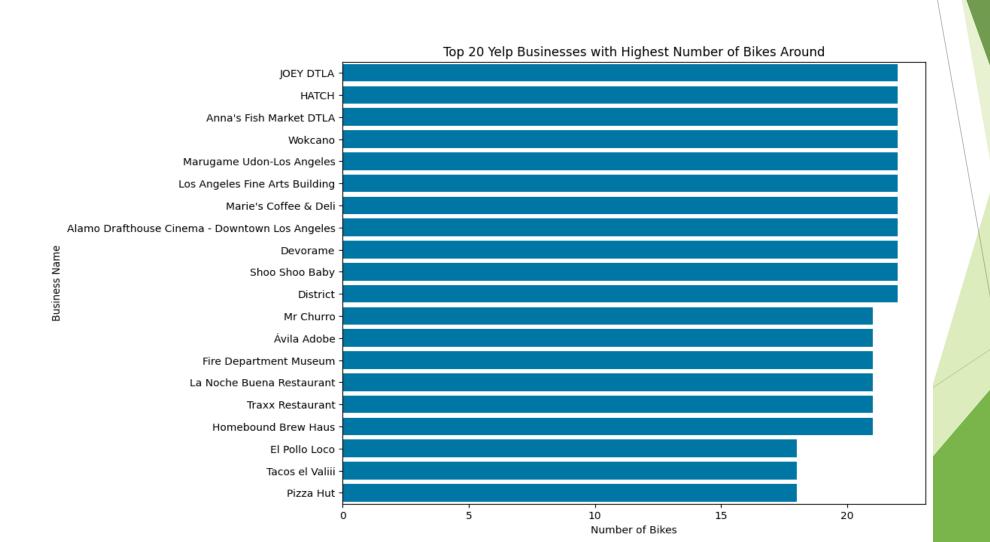
Top Categories



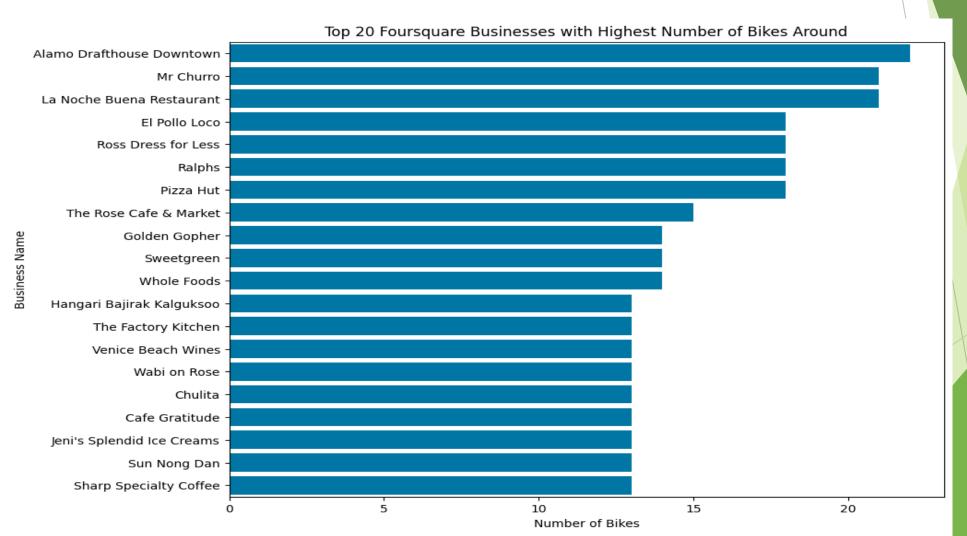
Top Categories For Bike Locations



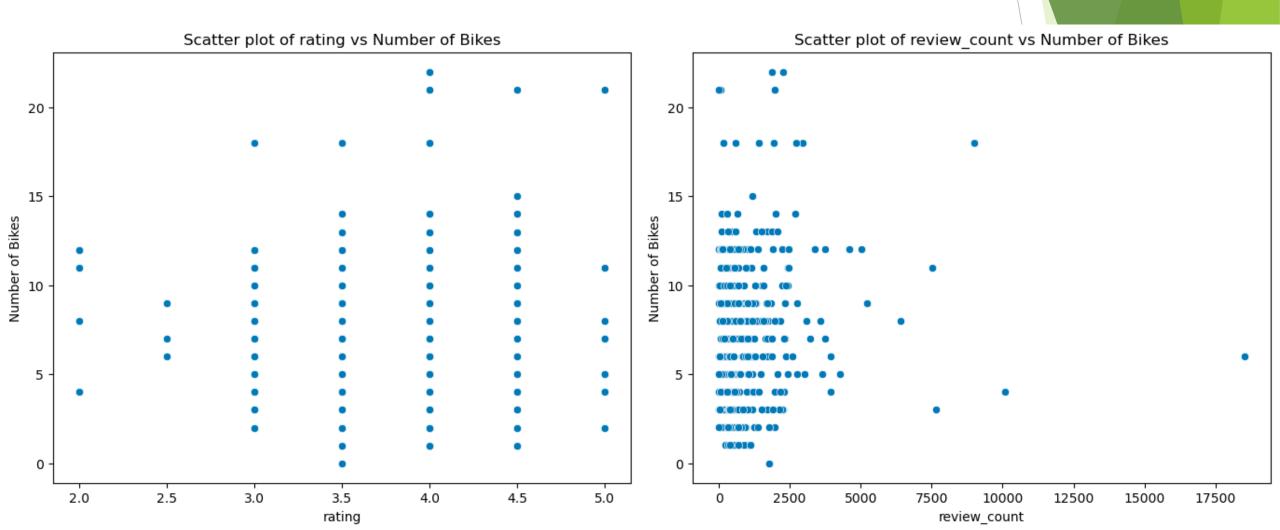
Yelp Top Businesses with the Highest Bike Count

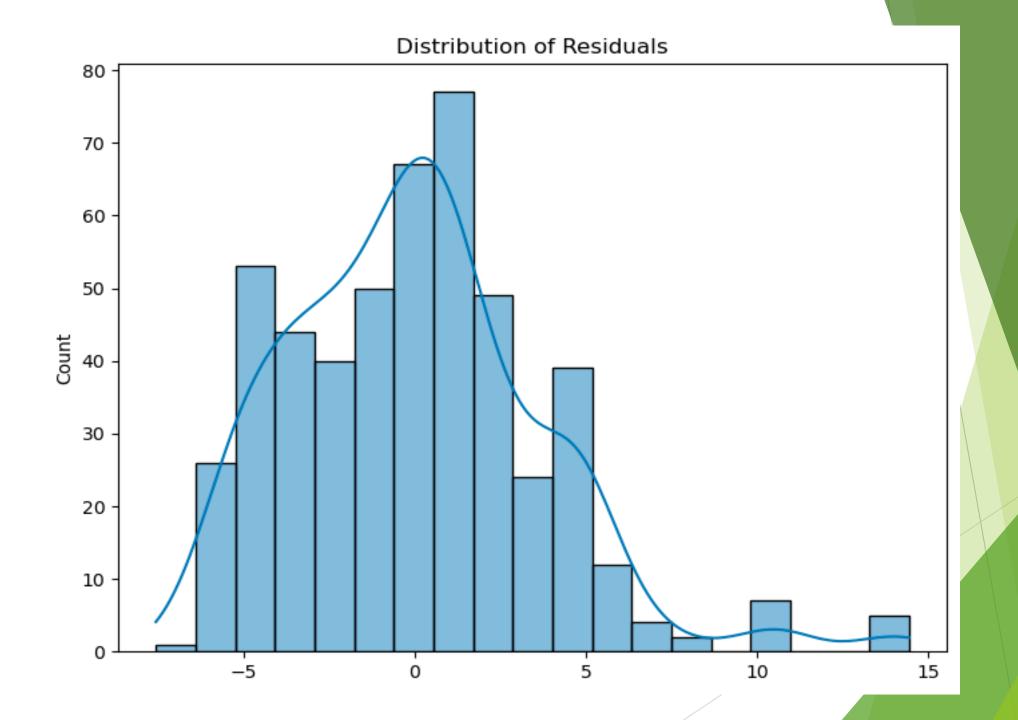


FourSquare Top Businesses with the Highest Bike Count



Regression Model







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[1] R² is computed without centering (uncentered) since the model does not contain a constant. [2] Standard Errors assume that the covariance matrix of the errors is correctly specified. [3] The condition number is large, 2.18e+03. This might indicate that there are strong multicollinearity or other numerical problems.

Challenges