

Assignment #3 Proposal  
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Research question: What factors contribute to Airbnb pricing? Is there a trend in pricing strategy that we can observe based on features such as calendar events, neighborhood, home prices, income, and listing descriptions? Is there a relationship between eviction rate and the ratio of Airbnb to total housing units?

Data Source: <http://insideairbnb.com/get-the-data.html>

Methodology: Data is available on the above link as CSV files, and encompasses individual listings (and prices) from 3/6/19 to 3/4/20, as well as descriptions and reviews for each listing. They also contain information about neighborhood, host, guest requirements, transit access, amenities. This data was scraped on 3/6/19, so all pricing information is from that date. We will be using Python to analyze the data, create visualizations, and potentially an interactive map to visualize our findings.