



Deep Trip in California

INF554 Project -- Undefined

Wei-Fan Chen weifanch@usc.edu

Yen-Chen Chou yenchencc@usc.edu

Runze Liu runzeliu@usc.edu

”

A platform where you understand your house selections comprehensively

Analysis – Explain the Data



Analysis – Explain the Data



Single Day Price

Month Price



Room Type

Property



House Description

House Style

of Reviews



Longitude

Latitude

City

Neighborhood



Amenities

Dryer

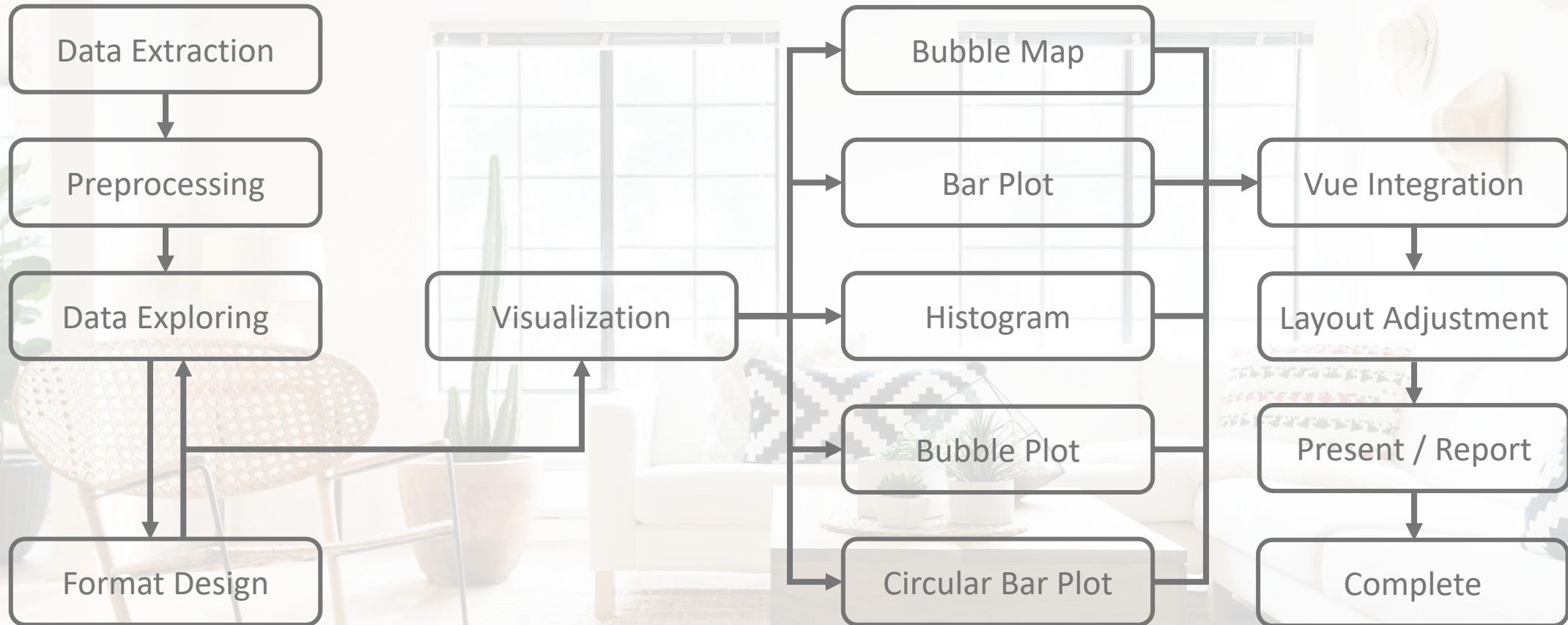
WiFi

Pet Friendly

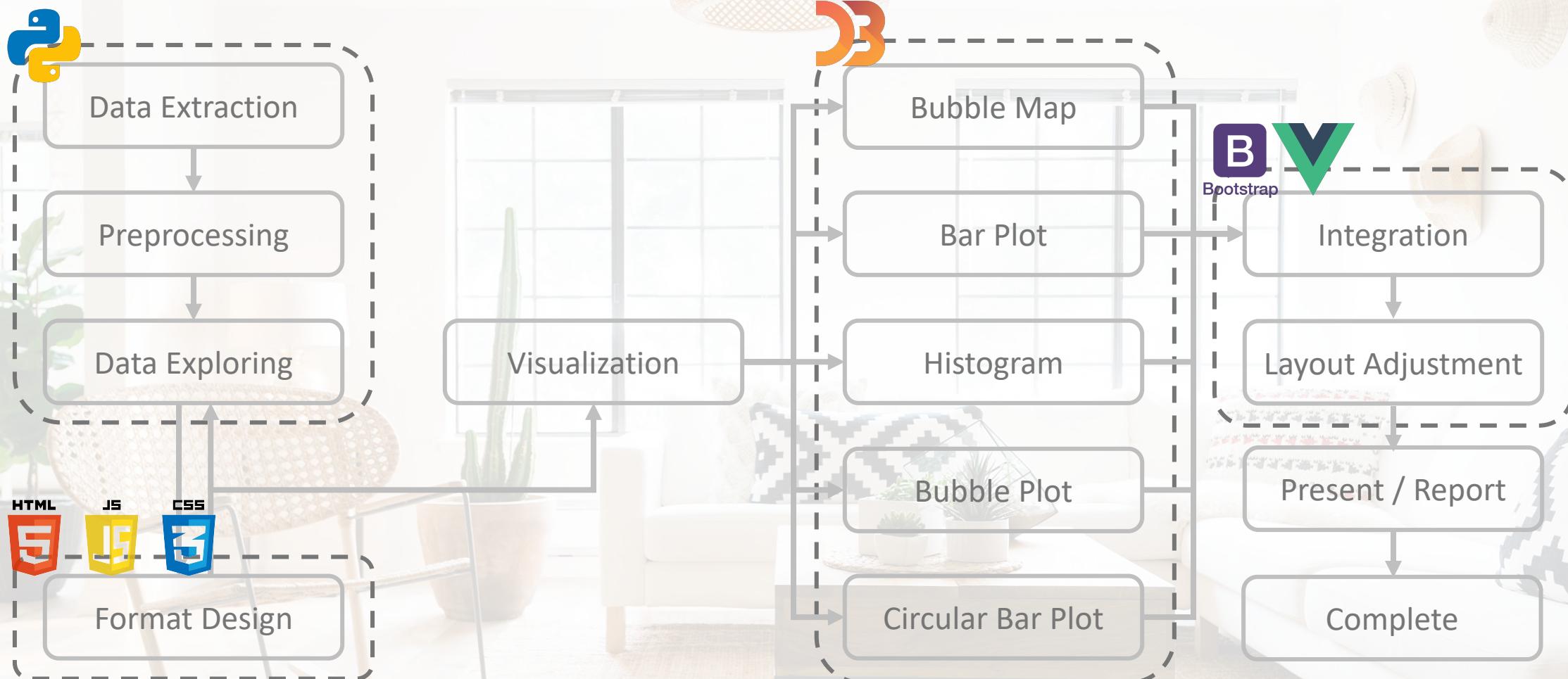
Analysis – Explain the Topic



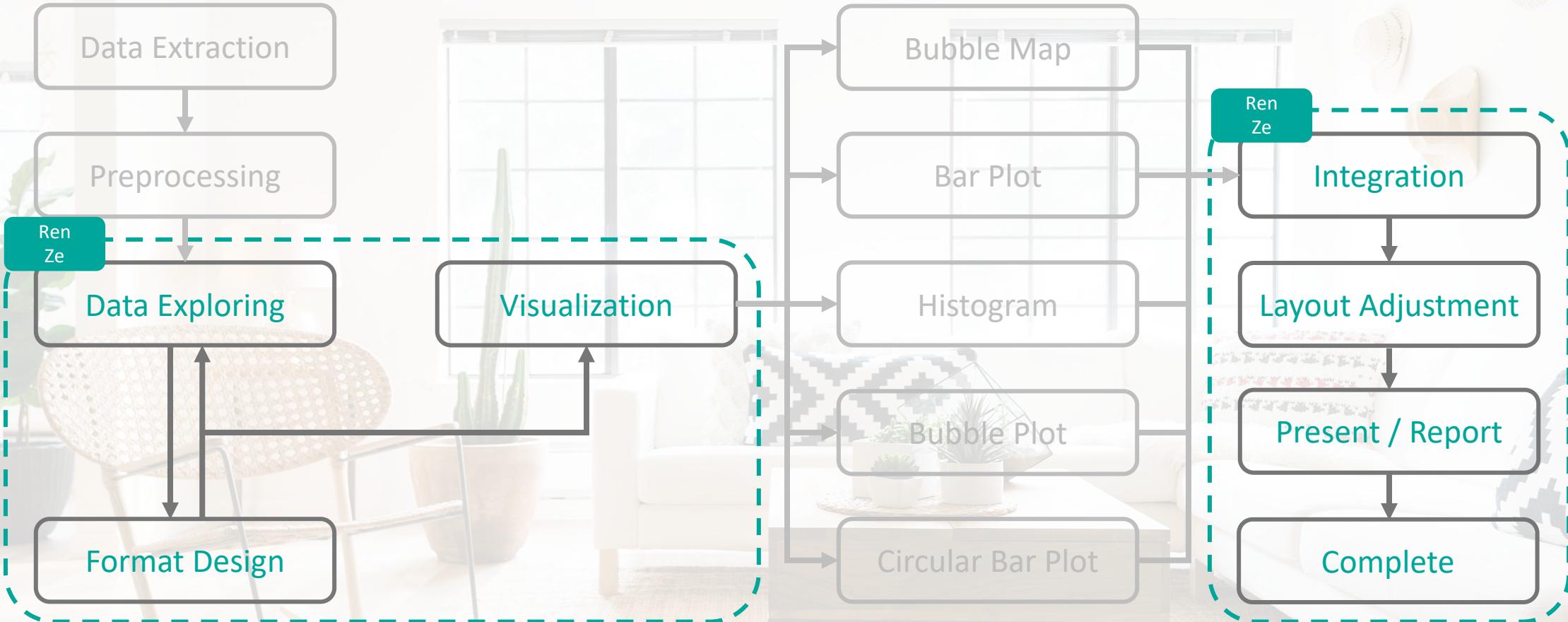
Design and Research Process



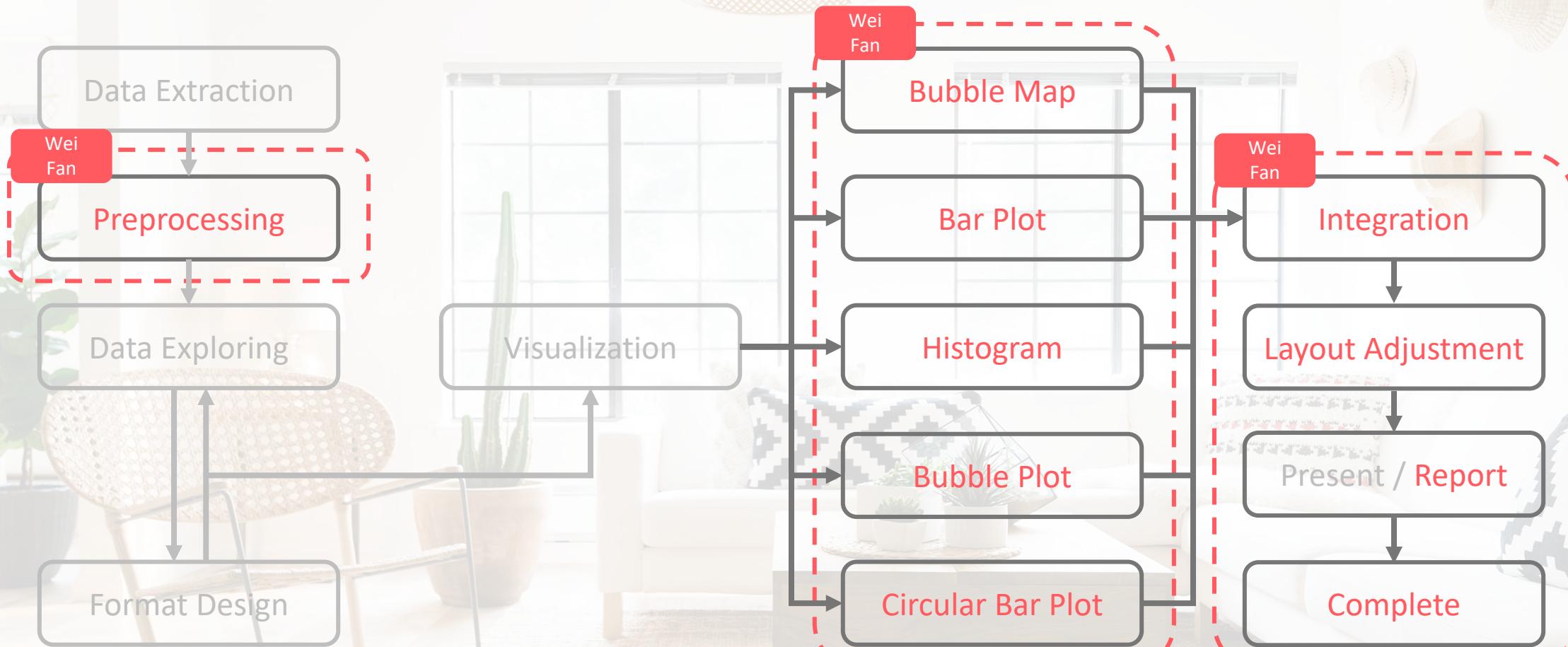
Design Process – Tools



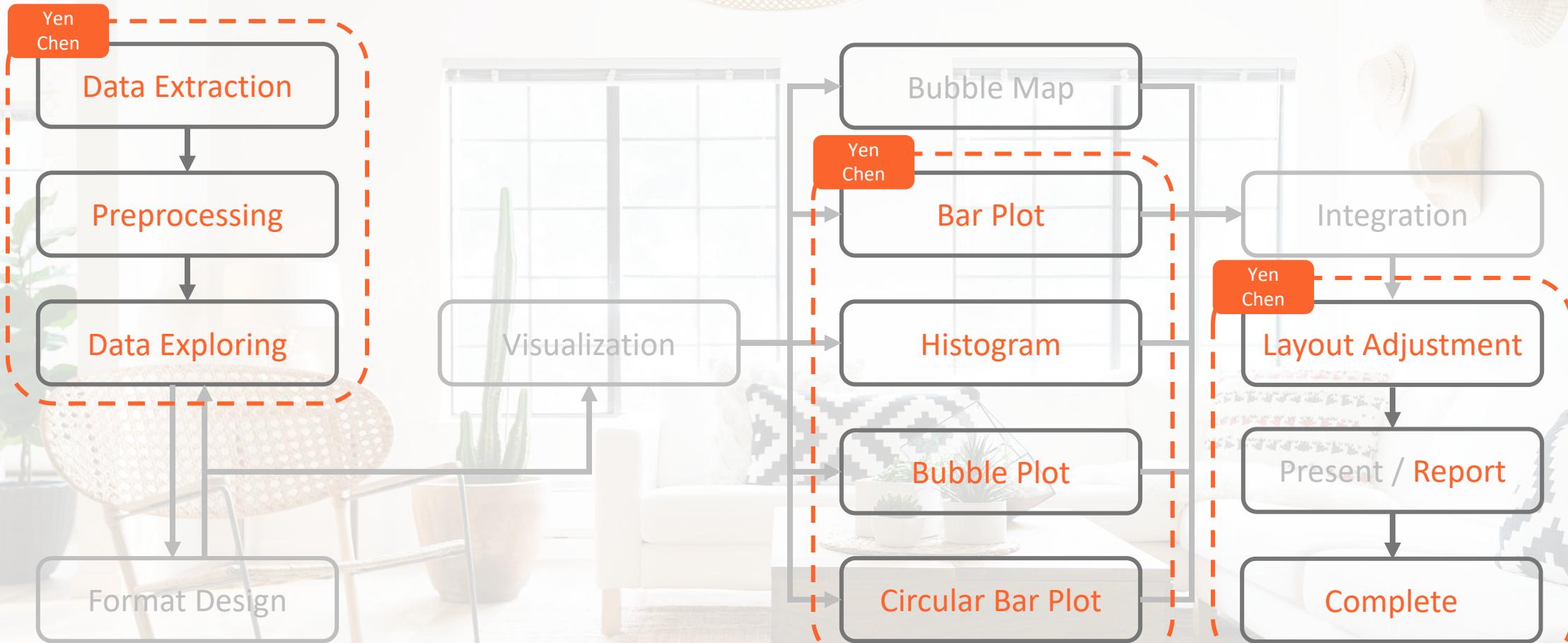
Who Did What



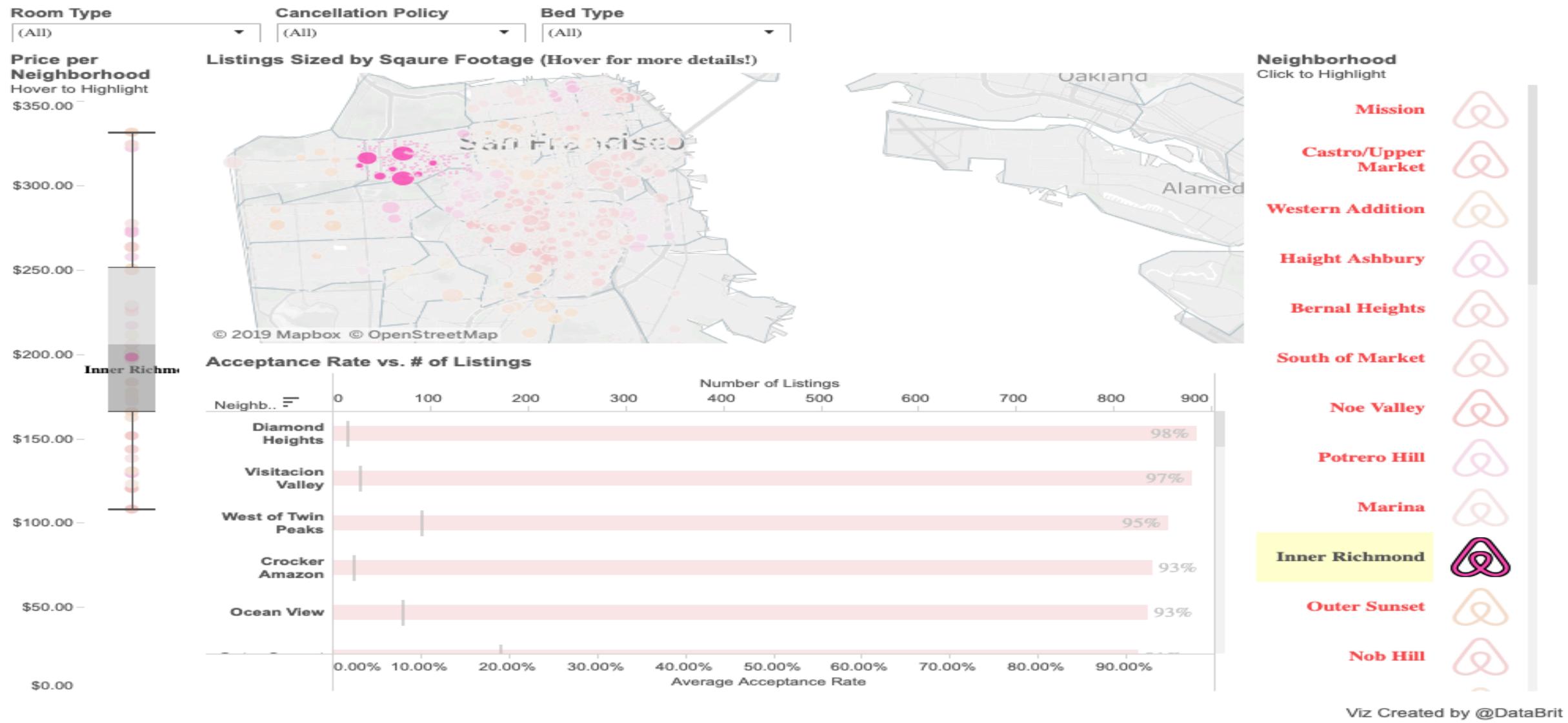
Who Did What



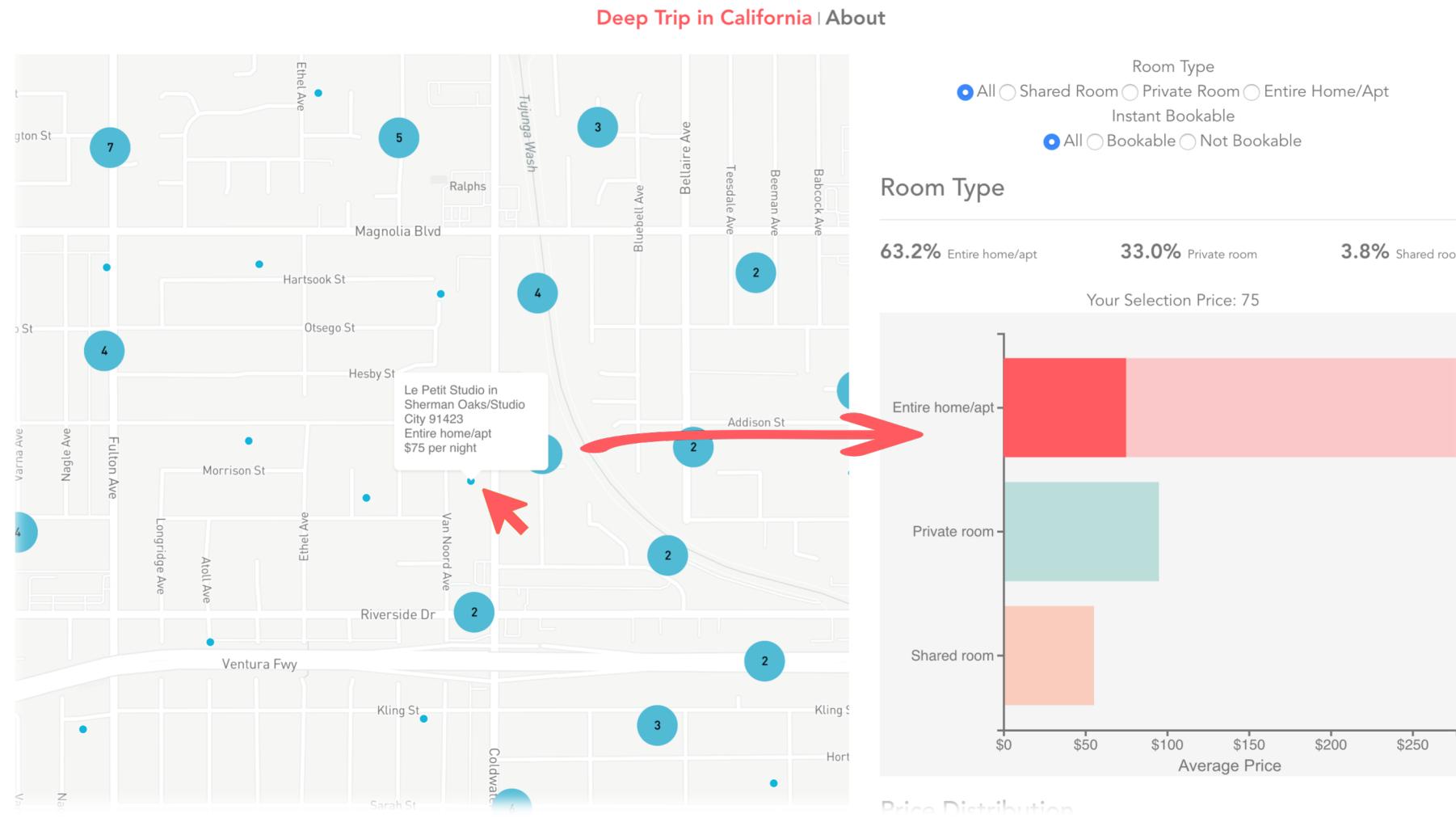
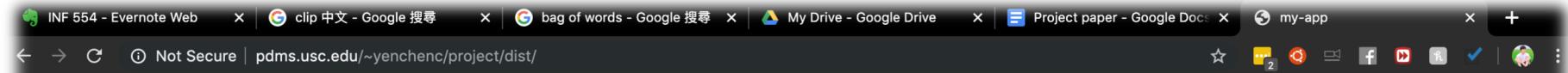
Who Did What



Research From Others

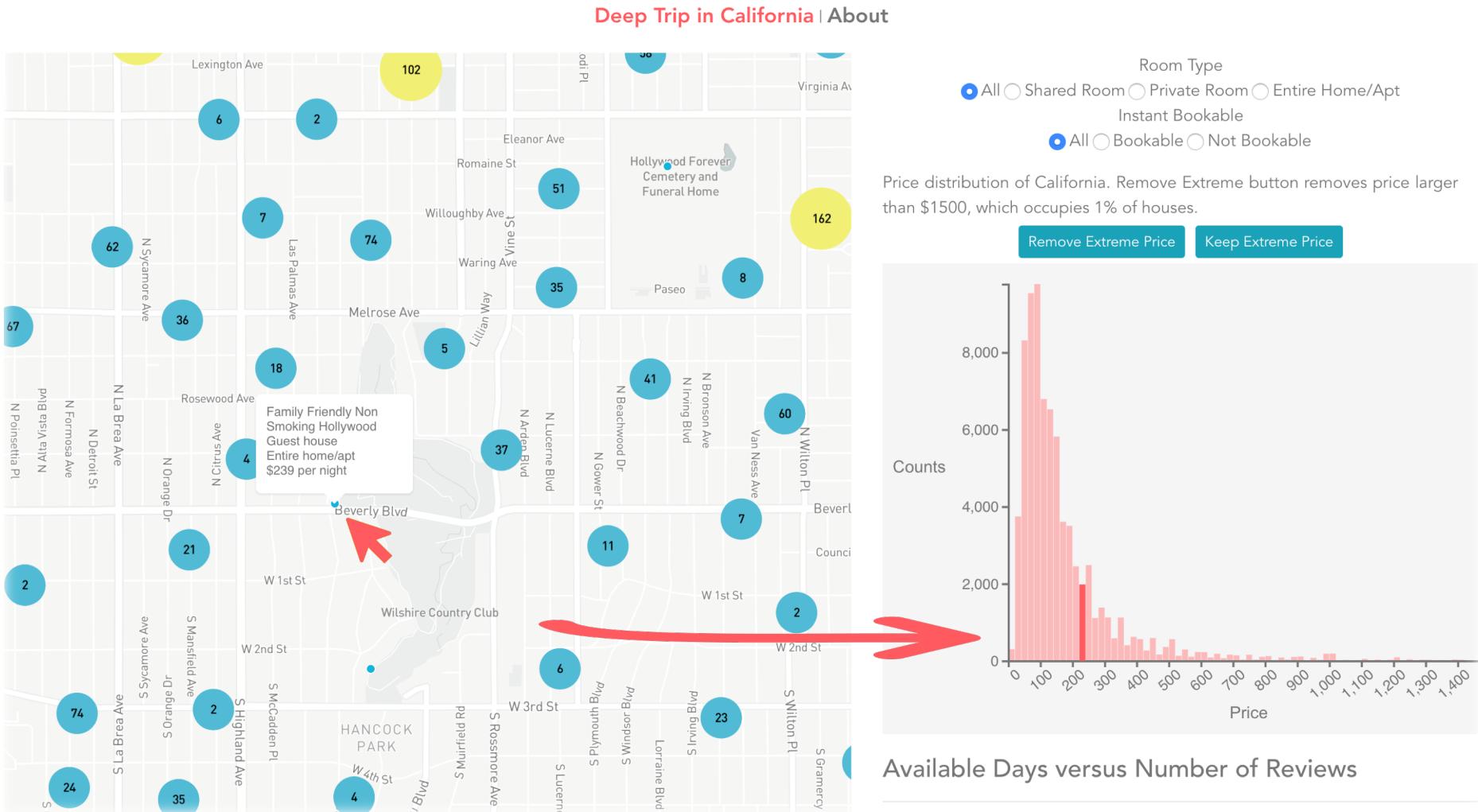
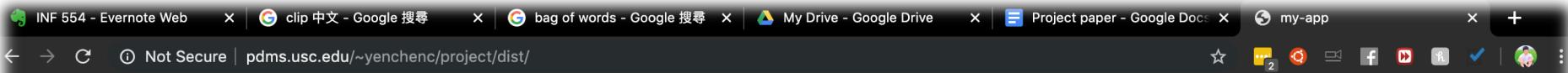


Our Difference

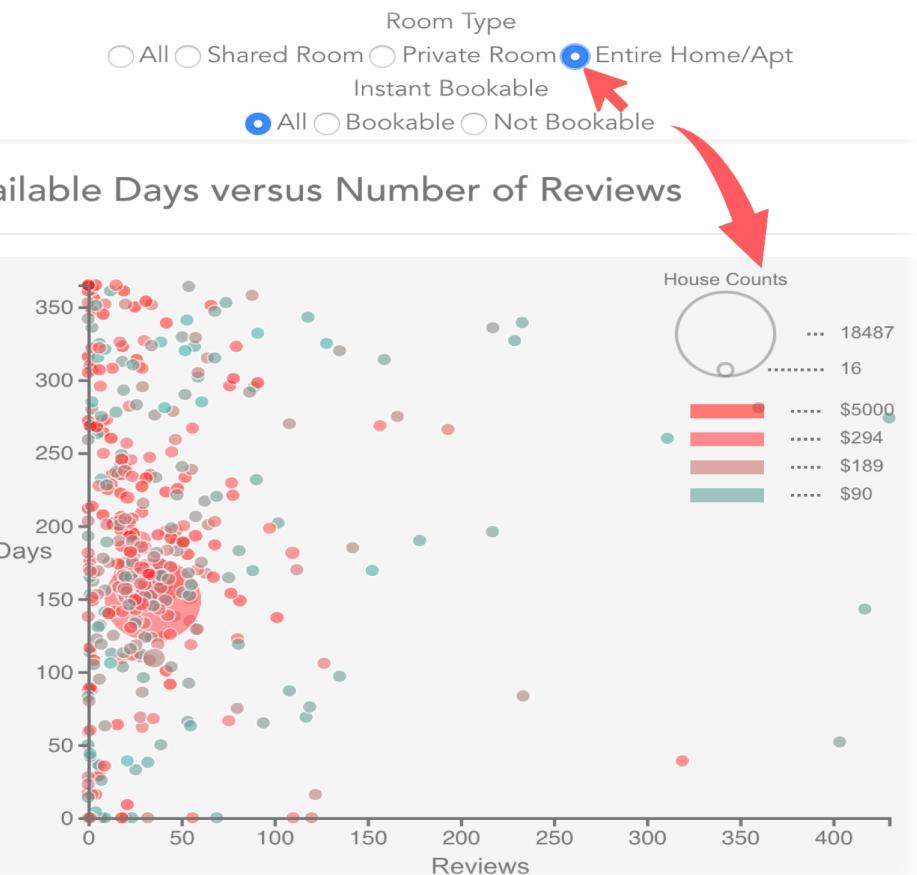
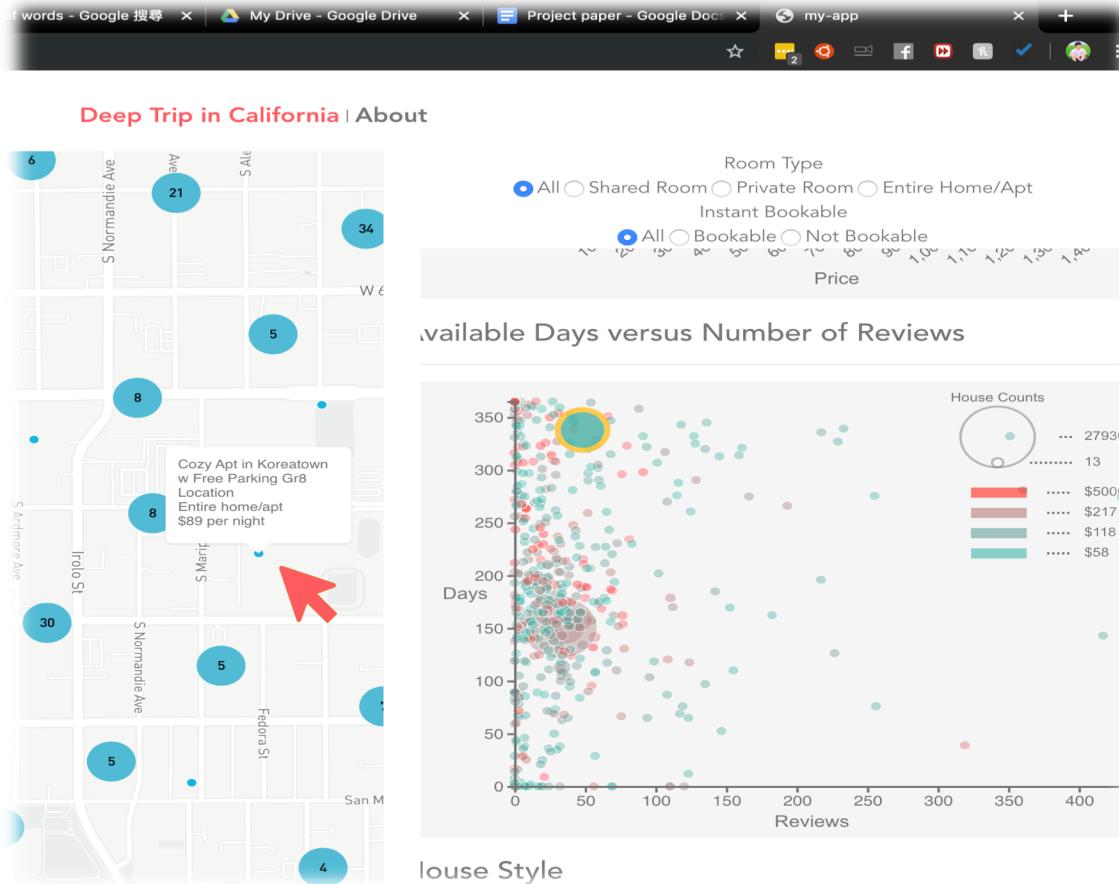


Map and plots are all interactive, transition, hover, responsive using bootstrap, layout included

Our Difference



Our Difference



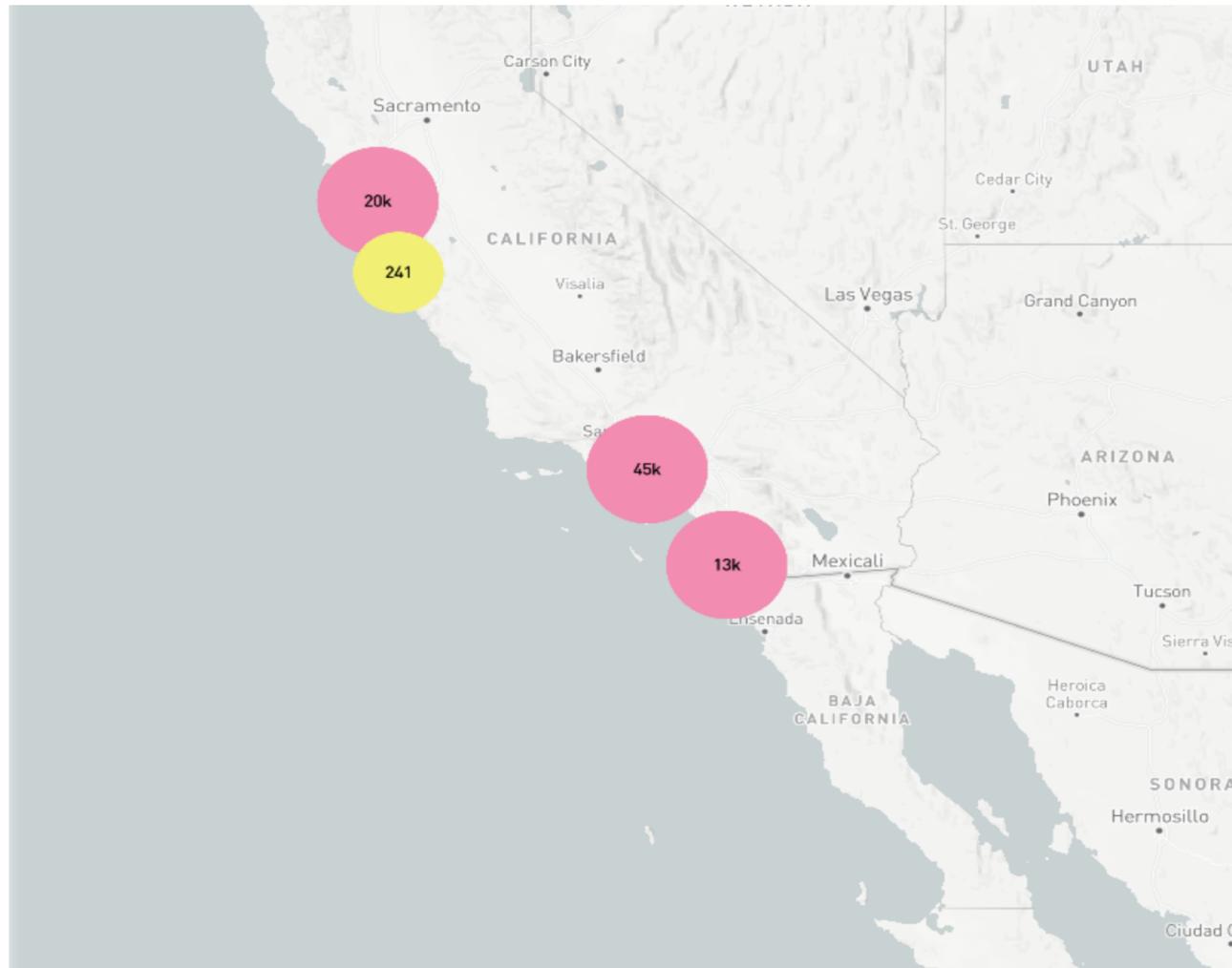
Map and plots are all interactive, transition, hover, responsive using bootstrap, layout included

Layout

← → ⌂ Not Secure | pdms.usc.edu/~yenchenc/project/dist/



Deep Trip in California | About



Room Type
 All Shared Room Private Room Entire Home/Apt
Instant Bookable
 All Bookable Not Bookable

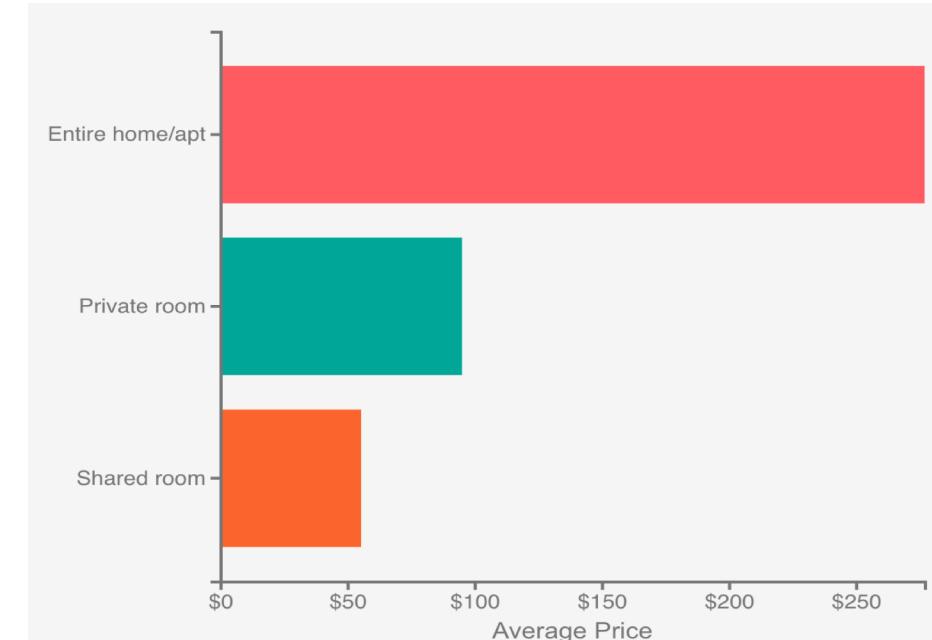
Room Type

63.2% Entire home/apt

33.0% Private room

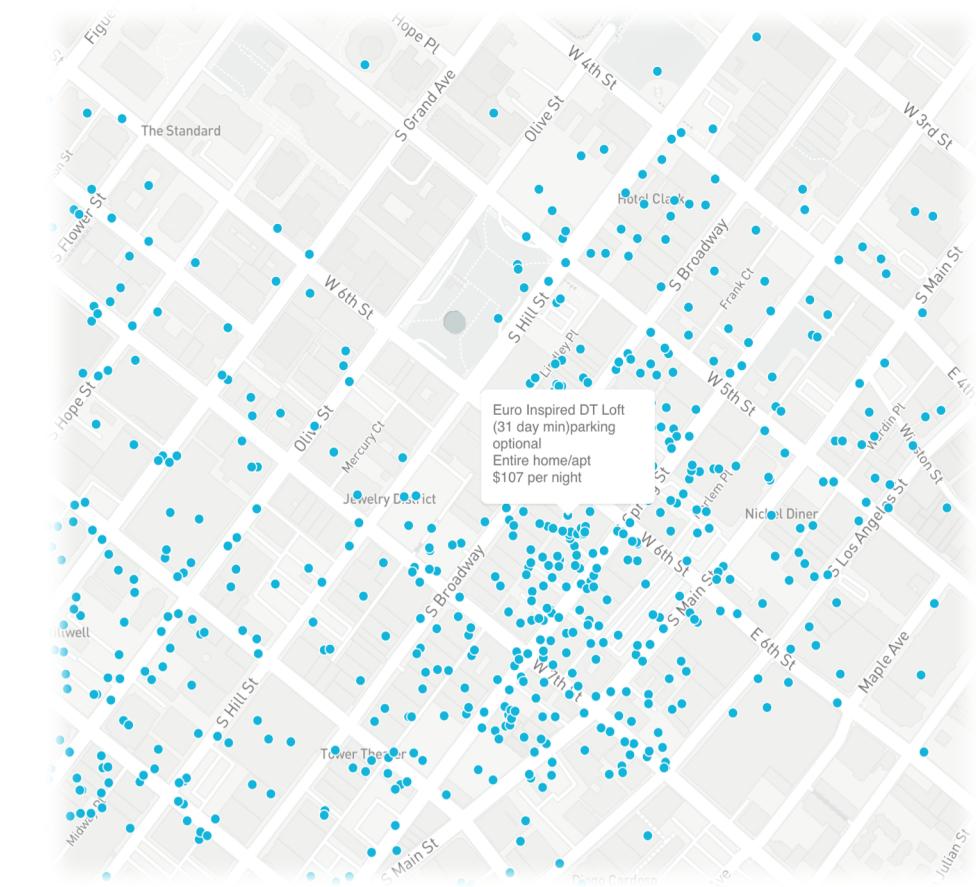
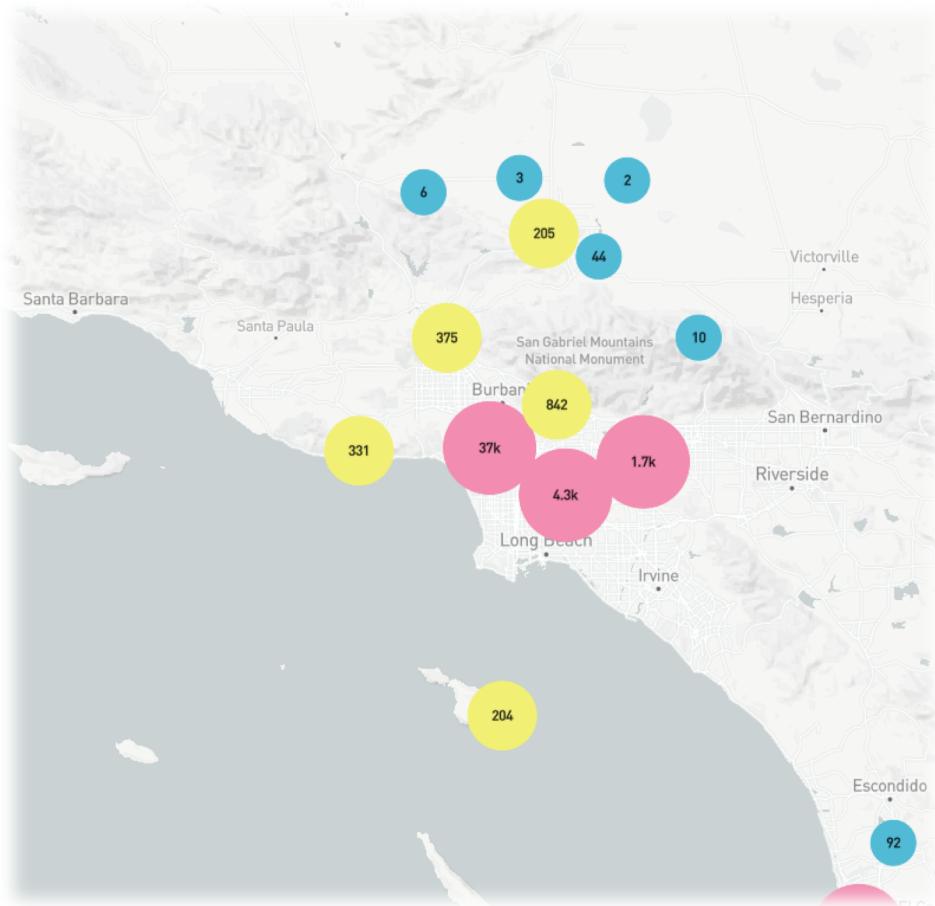
3.8% Shared room

Your Selection Price: NaN



Map and plots are all interactive, transition, hover, responsive using bootstrap, layout included

Bubble Map



Map includes interactive, transition, hover, responsive using bootstrap, layout included

Bar Plot

Room Type

63.2% Entire home/apt

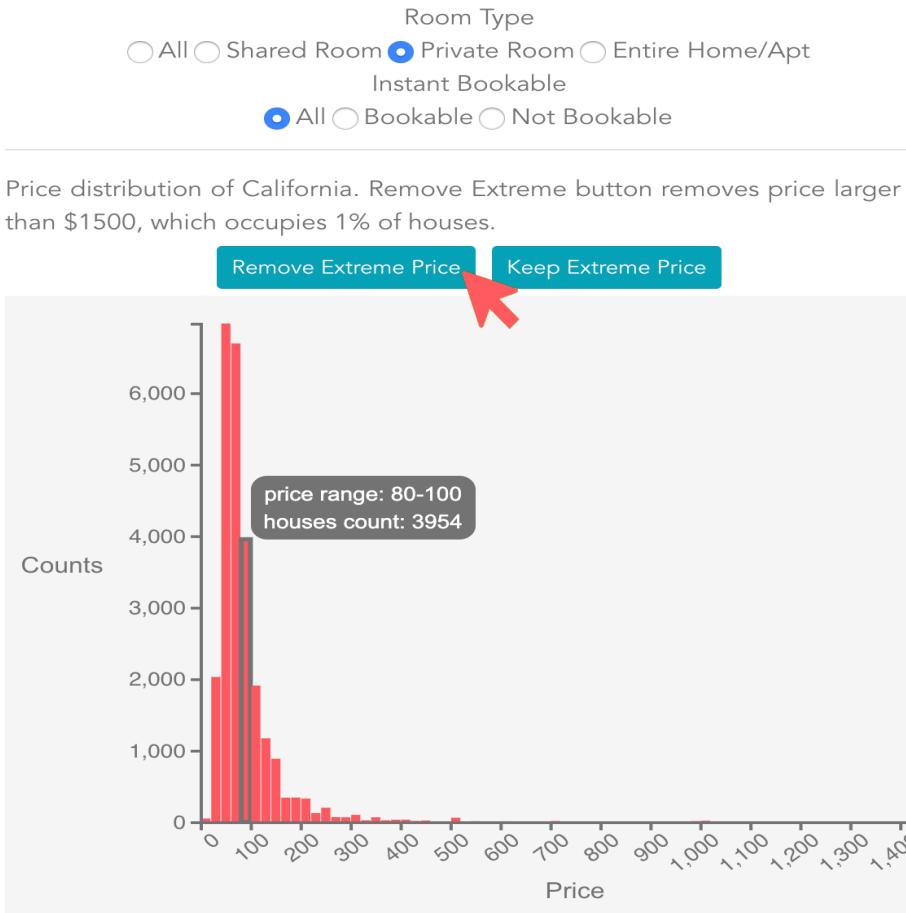
33.0% Private room

3.8% Shared room



Bar plot includes interactive, transition, hover, responsive using bootstrap, layout included

Histogram



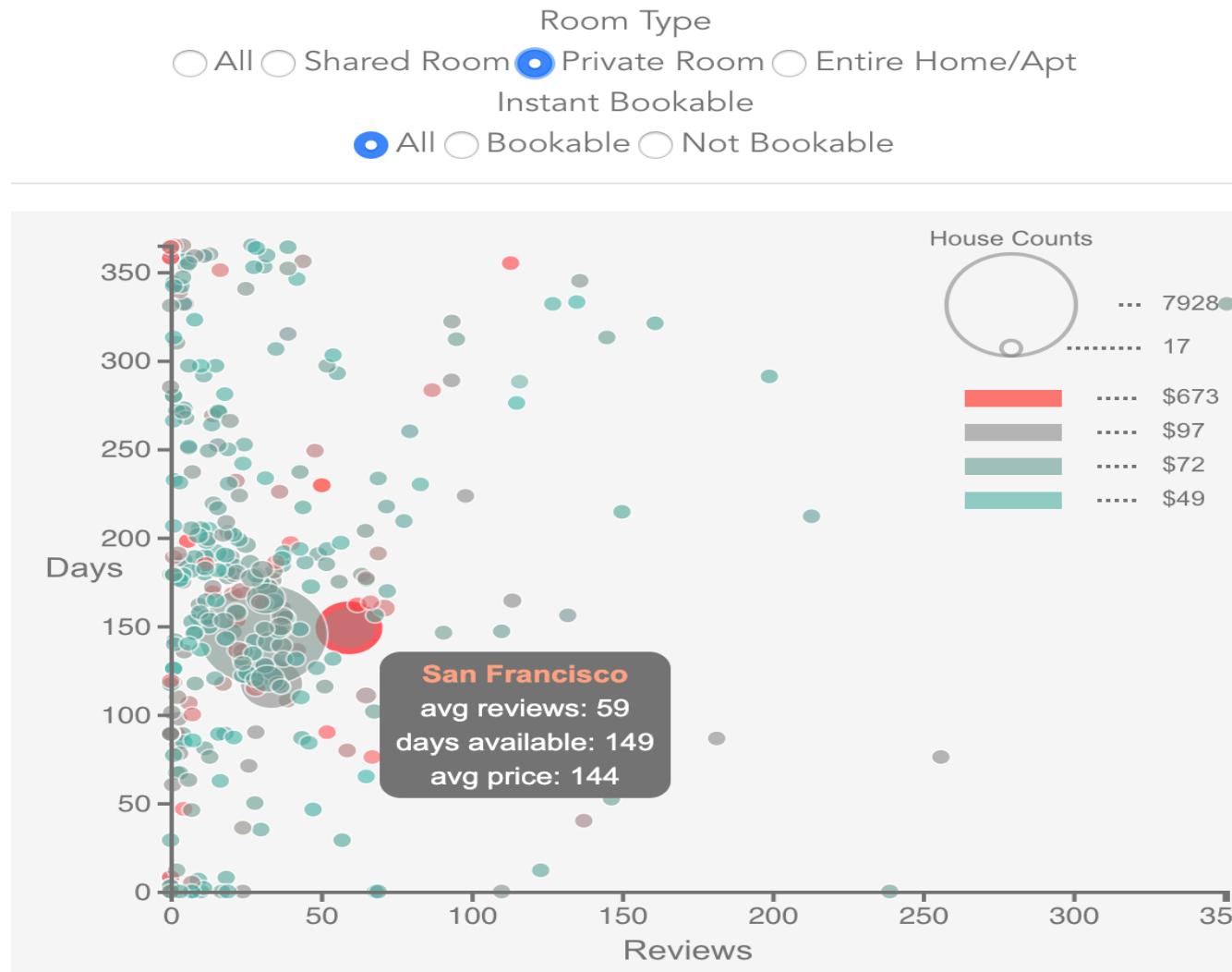
Price Distribution

Price distribution of California. Remove Extreme button removes price larger than \$1500, which occupies 1% of houses.



Histogram includes interactive, transition, hover, responsive using bootstrap, layout included

Bubble Plot

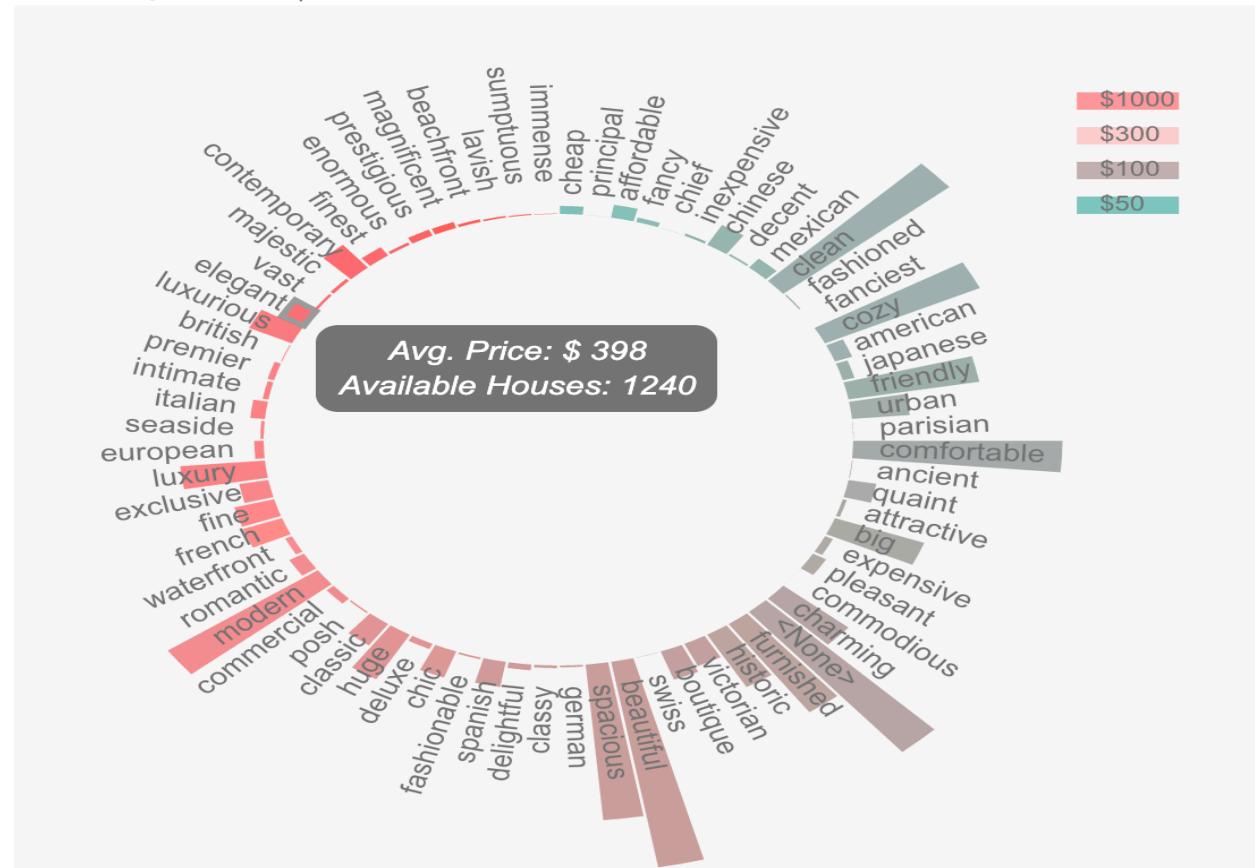


Bubble plot includes interactive, transition, hover, responsive using bootstrap, layout included

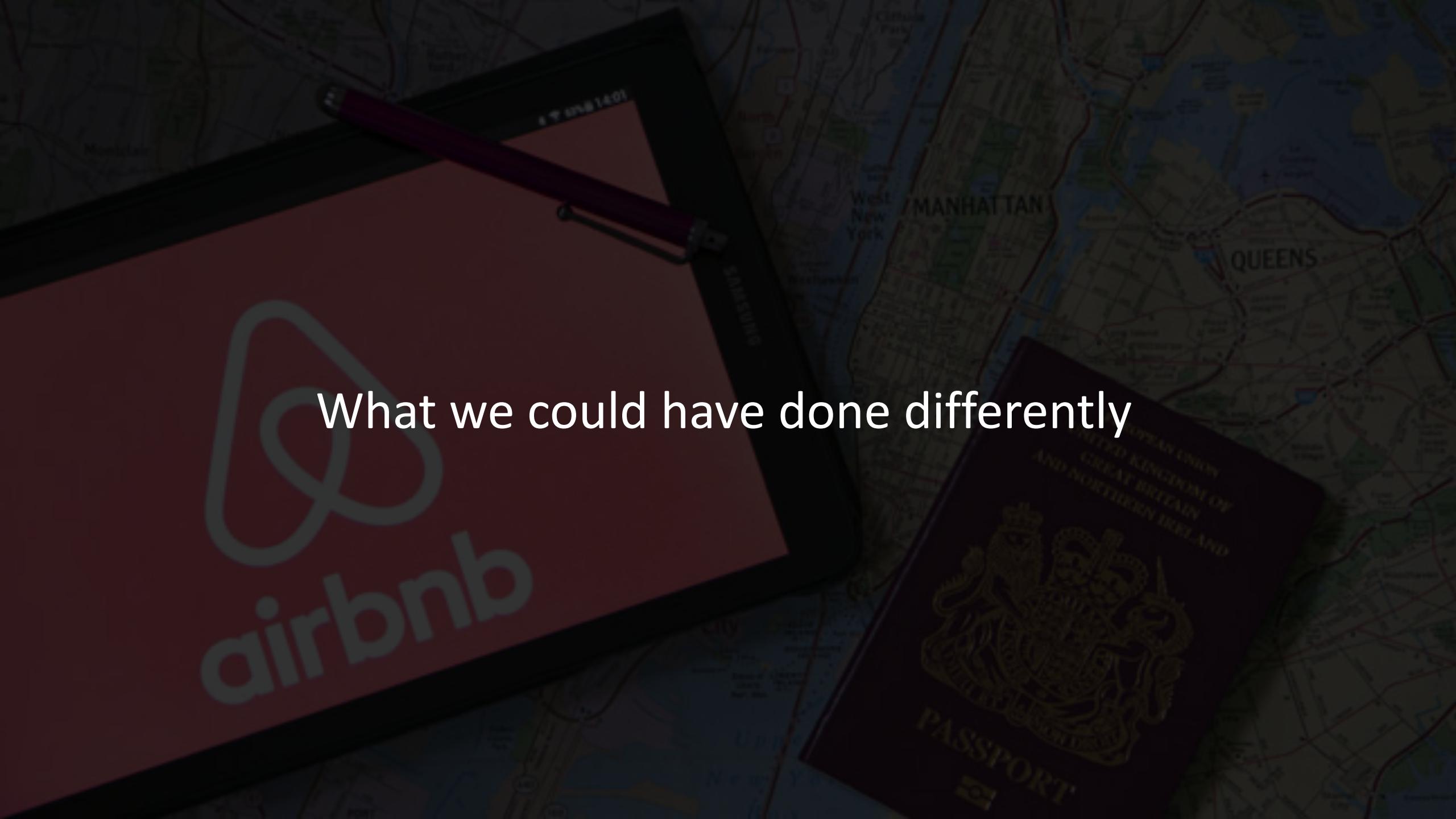
Circular Bar

House Style

The distribution of house types and its corresponding average price. The longer bars represent the larger number of houses. Average price between house styles are specified in different colors.



Circular bar plot includes interactive, transition, hover, responsive using bootstrap, layout included



What we could have done differently