# Project 2 Proposal

## *Dataset* :

id - Unique ID for each home sold

date - Date of the home sale

price - Price of each home sold

bedrooms - Number of bedrooms

bathrooms - Number of bathrooms, where .5 accounts for a room with a toilet but no shower

sqft\_living - square footage of the apartments interior living space

sqft\_lot - square footage of the land space

floors - Number of floors

waterfront - A dummy variable for whether the apartment was overlooking the waterfront or not

view - An index from 0 to 4 of how good the view of the property was

condition - An index from 1 to 5 on the condition of the apartment,

grade - An index from 1 to 13, where 1-3 falls short of building construction and design, 7 has an average level of construction and design, and 11-13 have a high-quality level of construction and design.

sqft\_above - The square footage of the interior housing space that is above ground level

sqft\_basement - The square footage of the interior housing space that is below ground level

yr\_built - The year the house was initially built

yr\_renovated - The year of the house’s last renovation

zipcode - What zipcode area the house is in

lat - Lattitude

long - Longitude

sqft\_living15 - The square footage of interior housing living space for the nearest 15 neighbors

sqft\_lot15 - The square footage of the land lots of the nearest 15 neighbors

## Questions of Interest

1. Factors that determine the price of the house. Which is important : Zipcode or Sqft
2. If a house is above 4000 Sqft , will the seling price be above 1 million

## Data Visualizations