

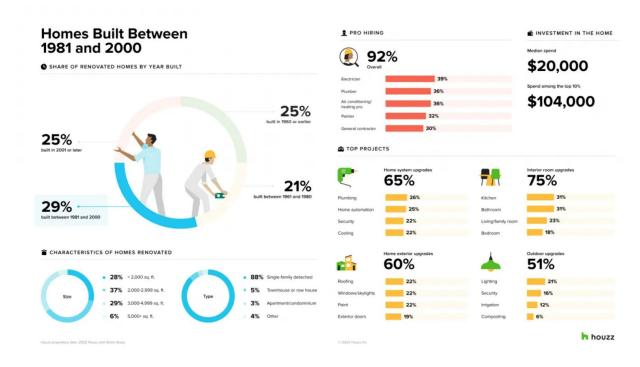
# Client's interests:

- Invest with big returns(ROI >50%)
- wondering about renovation
- which Neighborhood?

Questions	Hypothesis
1/4. Does stakeholder interested in renovation?	The houses must not be in good condition but still with normal grade - to make renovation possible.
2/4. Which neighbouring could be most attractive?	Best rated neighbouring could be more attractive in terms of big returns.

# How a Home's Age Influences Owners' Renovation Plans

#### Homes Built Between 1981 and 2000



# (22-41 yo)

Houses should be built between: 1974-1993

# **Property Criteria**

#### **Condition:**

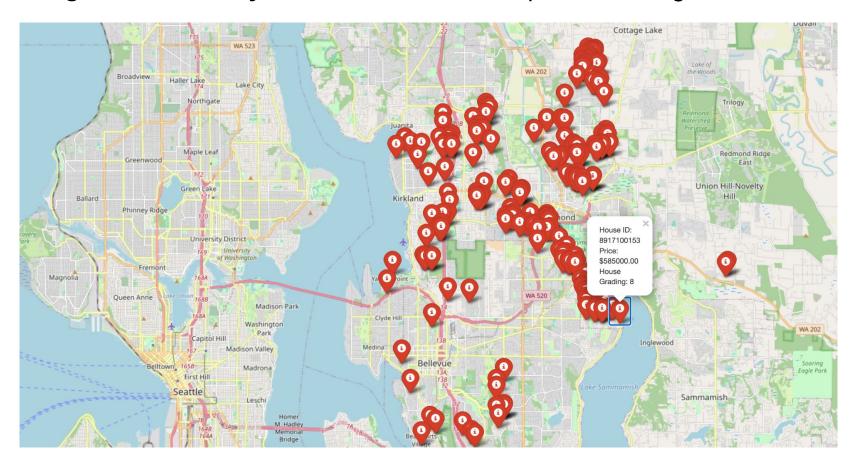
Must be less than or equal to 4 (Renovation needed).

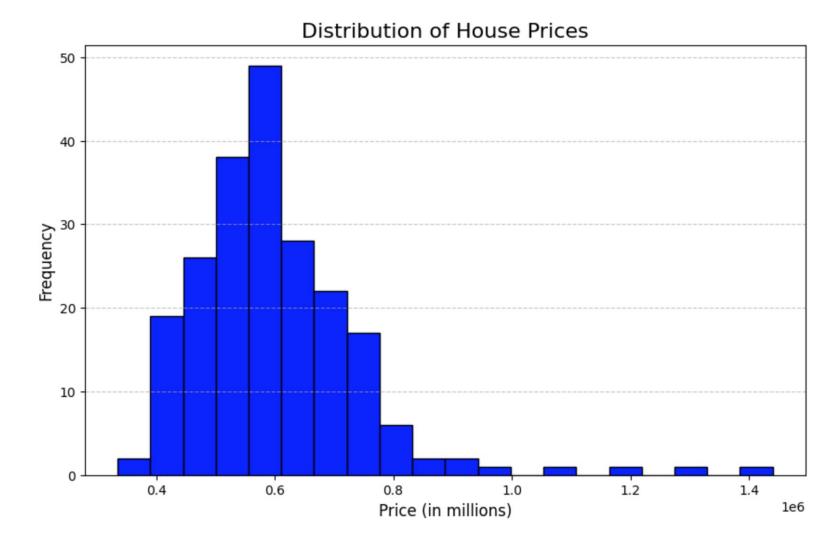
### **Grade:**

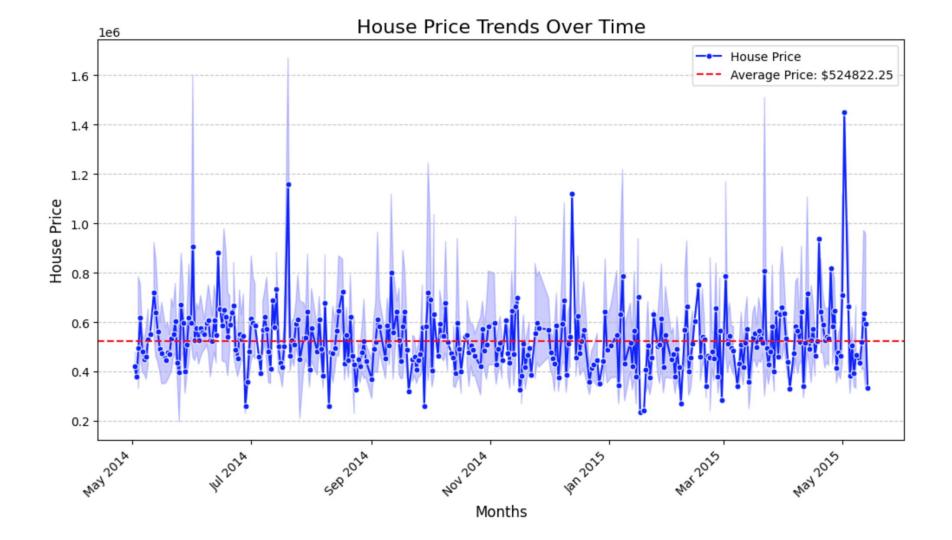
- Must be at least 8 (Construction quality).
- Must be less than 10 (Not finished work).

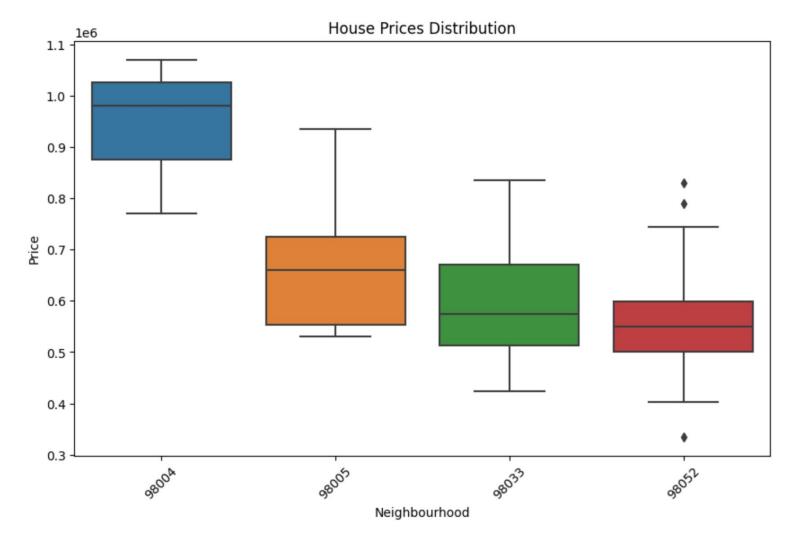
Number of houses with condition less or equal than 4 and grade between 7 and 9 Number of houses 

## Neighborhood Analysis. 200 houses from 4 preferred neighbourhoods





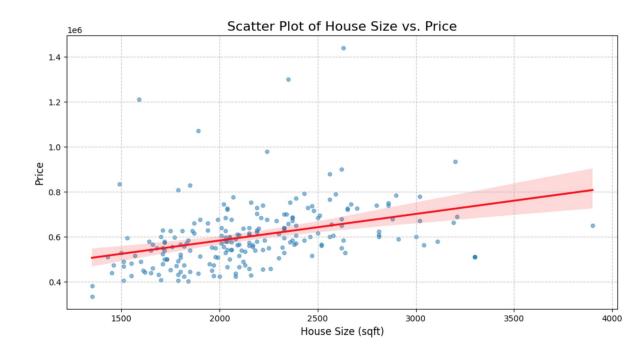


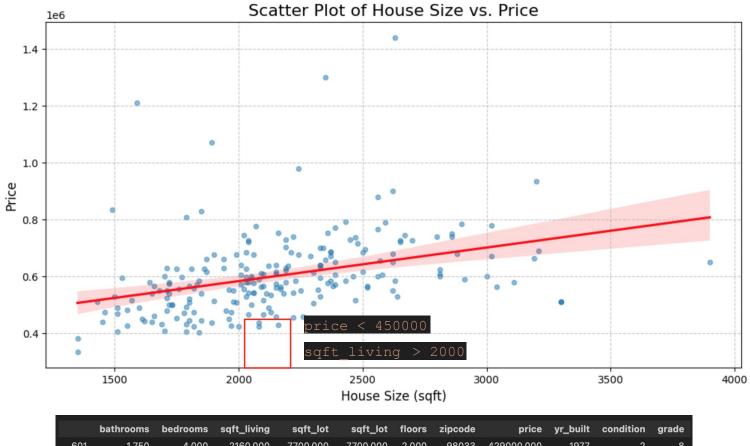


3/4. With renovation purposes.

Best-selling houses(higher density on plot) with a lower price.

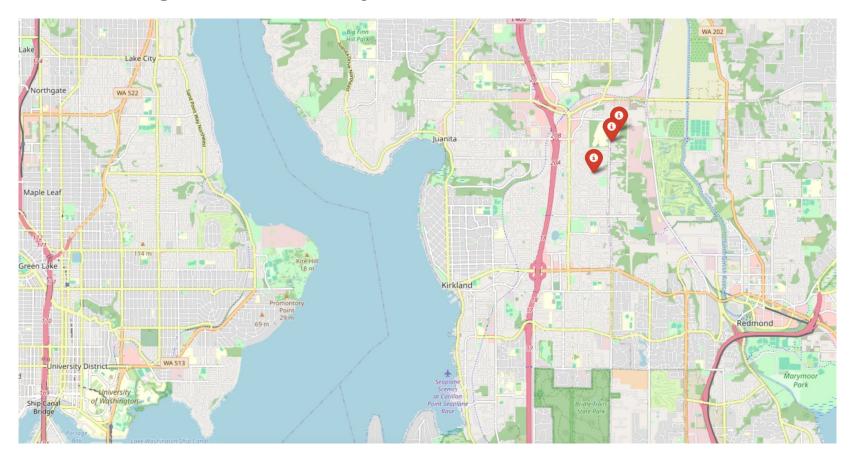
According to living square meters.





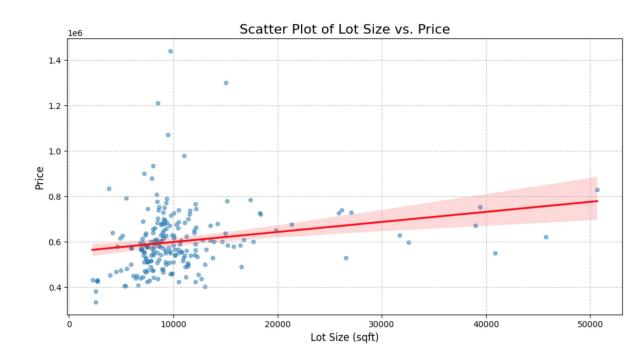
	bathrooms	bedrooms	sqft_living	sqft_lot	sqft_lot	floors	zipcode	price	yr_built	condition	grade
601	1.750	4.000	2160.000	7700.000	7700.000	2.000	98033	429000.000	1977	2	8
1302	2.000	3.000	2080.000	12094.000	12094.000	2.000	98052	424240.000	1982	4	8
3678	1.750	3.000	2080.000	12714.000	12714.000	2.000	98052	436800.000	1984	4	8

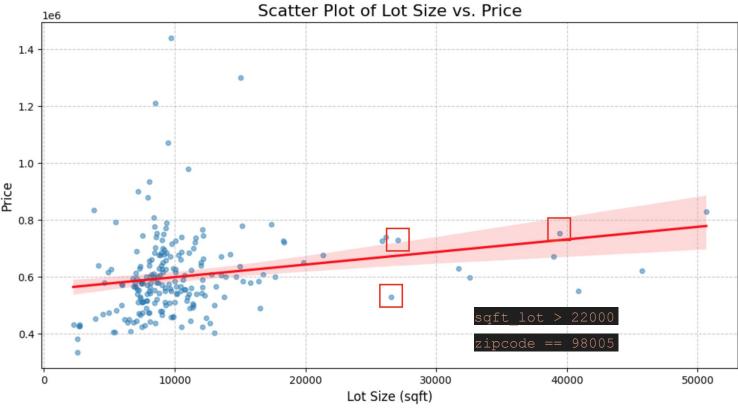
# Neighborhood Analysis. 3 recommended houses



#### 4/4. Commercial.

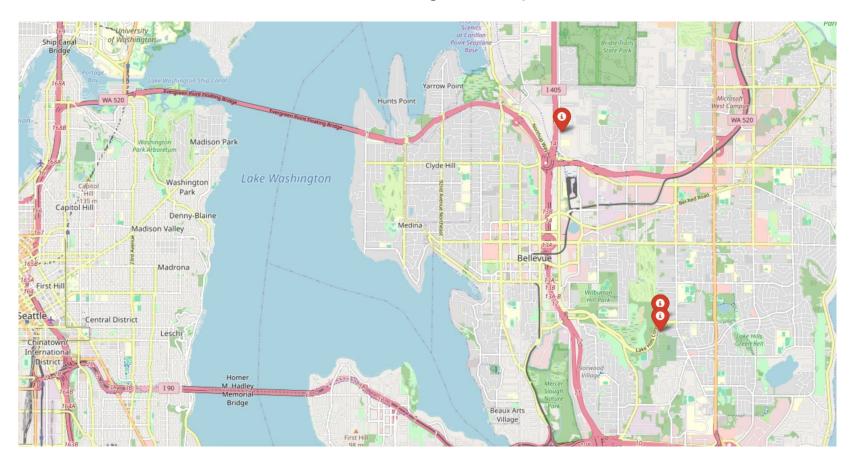
Bigger lot area for a lower price with option to be used as a commercial (investment with big returns).





	sqft_living	sqft_lot	sqft_lot15	floors	zipcode	price	yr_built	condition	grade
2184	2330.000	26571.000	20037.000	2.500	98005	530000.000	1987	3	8
3427	2860.000	26136.000	25040.000	1.000	98005	740000.000	1977	3	8
4145	2160.000	39430.000	35329.000	1.000	98005	753000.000	1974	4	8

## Houses with big lot's square.



# Proposal to client:

# Residential Properties

- o Criteria:
  - Big living area.
  - Perfect to renovate.
  - Attractive neighborhood.
- Number of Houses to propose:
  - **3**

# Commercial Properties

- o Criteria:
  - Big lot area.
  - Attractive neighborhood.
- Number of Houses to propose:
  - **3**

