



# King County House Data

EDA-Project for the neuefische Bootcamp  
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# Agenda

- Client description
- Hypotheses
  - ◆ Forming hypotheses
  - ◆ Testing Hypotheses
- Recommendations
  - ◆ City House
  - ◆ Country House

# Client Description





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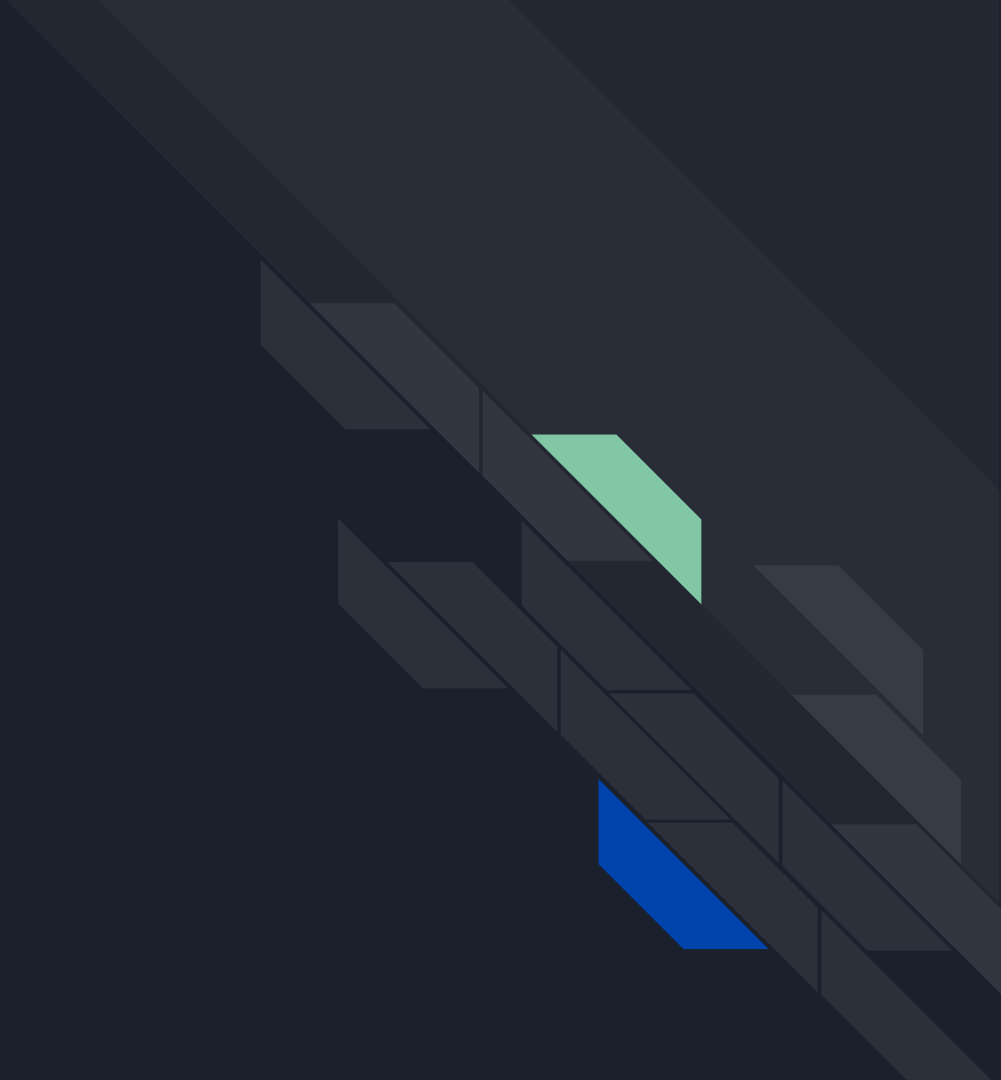
## Information Given:

- 2 People
- Wants 2 Houses:
  - ◆ City House
    - As quickly as possible
    - central location
  - ◆ Country House
    - best timing
    - not renovated

## Assumptions made:

- City House:
  - ◆ Close to Seattle centre (Spaceneedle)
  - ◆ Above average grade and condition
  - ◆ 2-3 Bedrooms
  - ◆ Good price per sqft of livingspace
- Country House:
  - ◆ Best timing is when prices are lowest
  - ◆ Willing to compromise on grade and condition for a better deal
  - ◆ 2-3 Bedrooms

Hypotheses



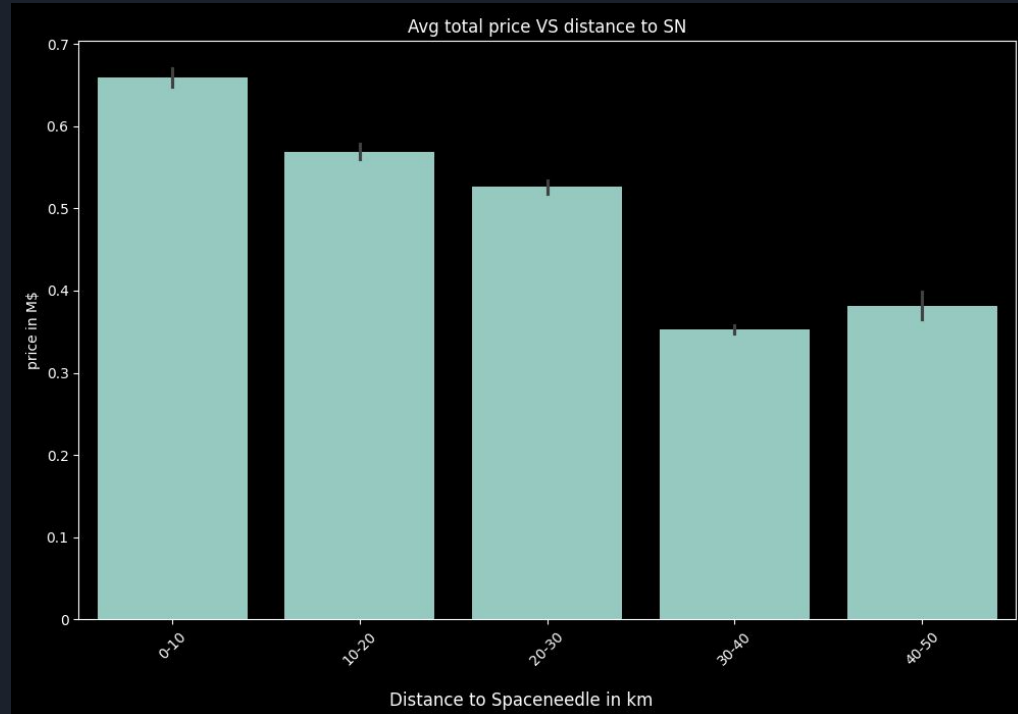


# Forming Hypotheses

- The Closer a House is to the Citycenter, the more expensive it's gonna be.
  - ◆ Citycenter means the Spaceneedle
- The bigger the living area of a house is, the more expensive it's gonna be.
- The better the grade of the house is, the more expensive it's gonna be.

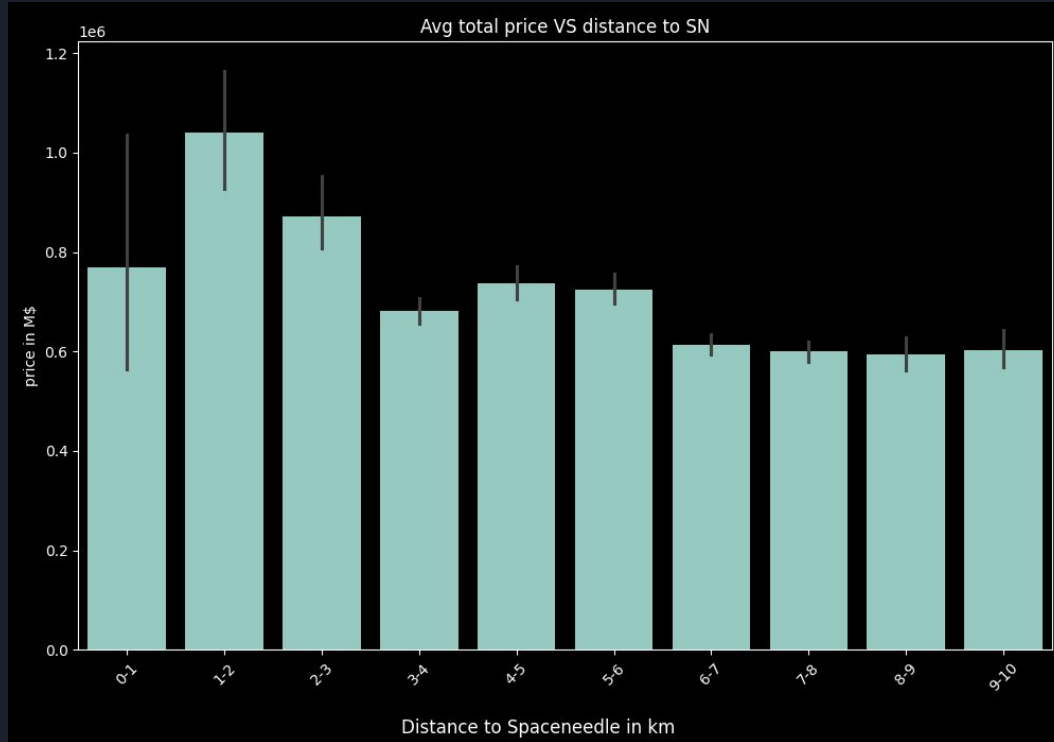
# Testing Hypotheses 1:

The Closer a House is to the Citycenter, the more expensive it's gonna be.



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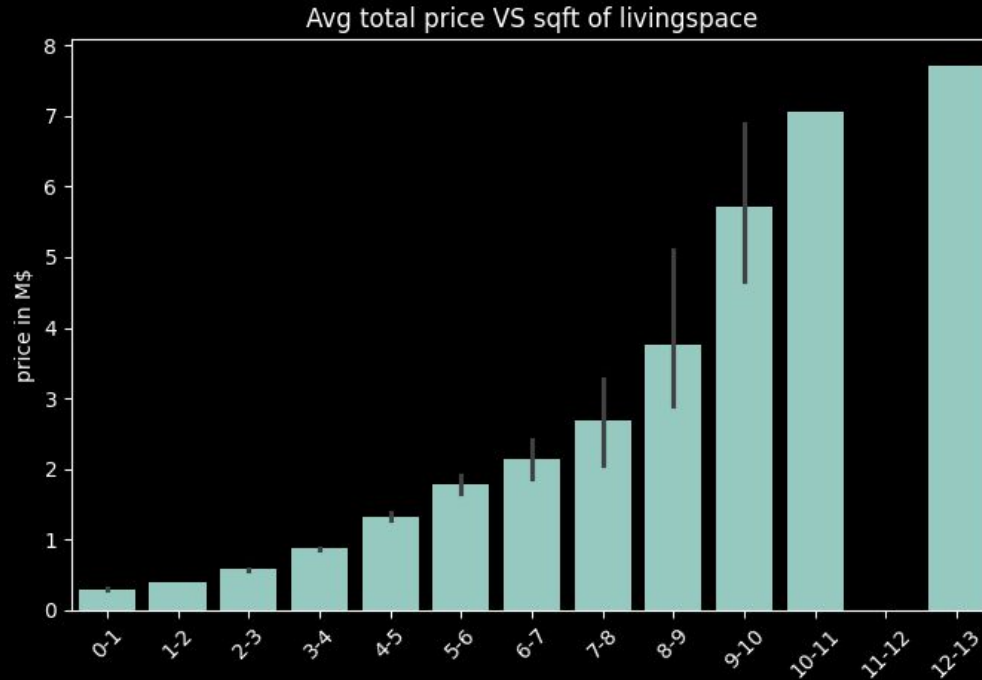
The Closer a House is to the Citycenter, the more expensive it's gonna be.





## Testing Hypotheses 2:

The bigger the living area of a house is, the more expensive it's gonna be.



# Testing Hypotheses 3:

The better the grade of the house is, the more expensive it's gonna be.



# Recommendations





# City House

House ID:1952200220

3 Bedrooms

2,,5 Bathrooms

2290 sqft of living space across 3 floors

2798 sqft of ground space

Waterfront

660000 \$

House ID: 7015201015

3 Bedrooms

3 Bathrooms

3030 sqft of living space across 1.5 floors

5156 sqft of ground space

879000 \$



# Country House

## Buy in Winter, since the prices are on average lower

House ID: 8562901010

2 Bedrooms

3 Bathrooms

2770 sqft of living space across 1.5 floors

10800 sqft of ground space

Waterfront

505000 \$

House ID: 686900030

3 Bedrooms

2.25 Bathrooms

3740 sqft of living space across 2 floors

22464 sqft of ground space

999950 \$

Questions?

