JAKOB FAST PRESENTS

Your new Home!

Journey for Lady Jennifer Montgomery

Lets start your journey

I GOT TONS OF DATA - LETS GO

What are your wishes?

What did i get?

What did i find?

What can i present you?

Where does our journey take you?

Alot "Whats" had to be answered until i found your possible new "Where"!

What are your wishes?

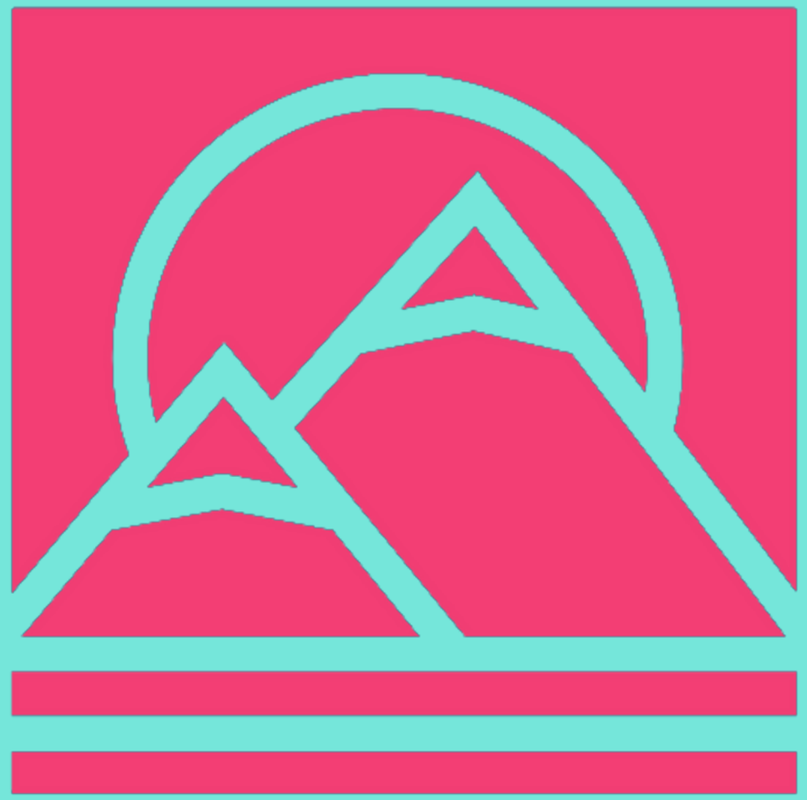
IT IS IMPORTANT THAT I GET A DETAILED VIEW ON WHAT YOU WANT

- Waterfront -> non-negotiable!
- High Quality - I mean look at me...
- Fresh built or renovated - Im not a friend of vintage style
- I made it! And i want people to see it!

What did i get?

I GOT A MOUNTAIN OF DATA ...

... and a mission - Climb that mountain and find your new home!



What did i find?

TO UNDERSTAND THAT WE NEED TO LOOK AT WHAT I WAS DOING

This shows my raison d'être and is the reason for my high fee!

My Journey

THIS IS WHAT I DID TO PREPARE YOUR JOURNEY

UNDERSTANDING

- Shape
- Description (data types, null values, plausability)

EXPLORING

- Check distributions
- Identify connections

CLEANING

- Deal with missing values
- Identify and remove redundant information

PRESENTING

Right now!

My Findings for your home!

HOUSE WIHT 33 BEDROOMS?!

Looks like we found a showoff house right away? I cant imagine that it was that easy.

Lets take a closer look.

bedrooms	bathrooms	sqft_living	sqft_lot	floors
33.000	1.750	1620.000	6000.000	1.000

- 33 bedrooms and 1,75 bathrooms on 1620 squarefeet.

Sounds like very small rooms and a very long line on the bathroom

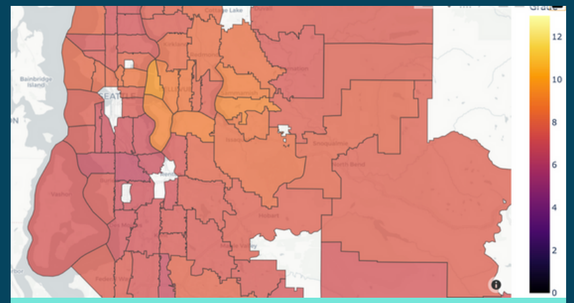
That does not seem to be plausible. So we delete this house from the data Mountain. We found several datasets which has to be deleted, cleaned or mended.

UNDERSTAND, EXPLORE, CLEAN, REPEAT

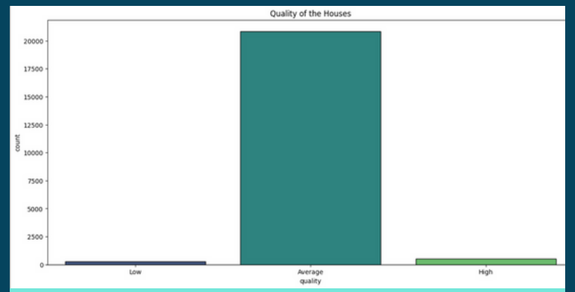
I HAD TO GO THROUGH THE WHOLE PROCESS SEVERAL TIMES TO GET ALL THE DATA IN THE WAY I WANTED IT TO BE AND TO BE ABLE TO FIND THE RIGHT HOUSE FOR YOU!

WHAT CAN I PRESENT YOU?

YOUR WISHES FOUND IN THE DATA



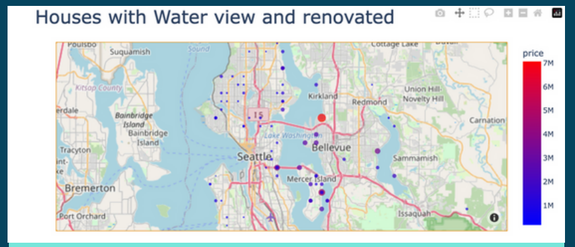
I diplayed the data on the map to find region with the best rated houses in a region.



I filtered the remaining data by the quality of the houses to identify the best quality houses!

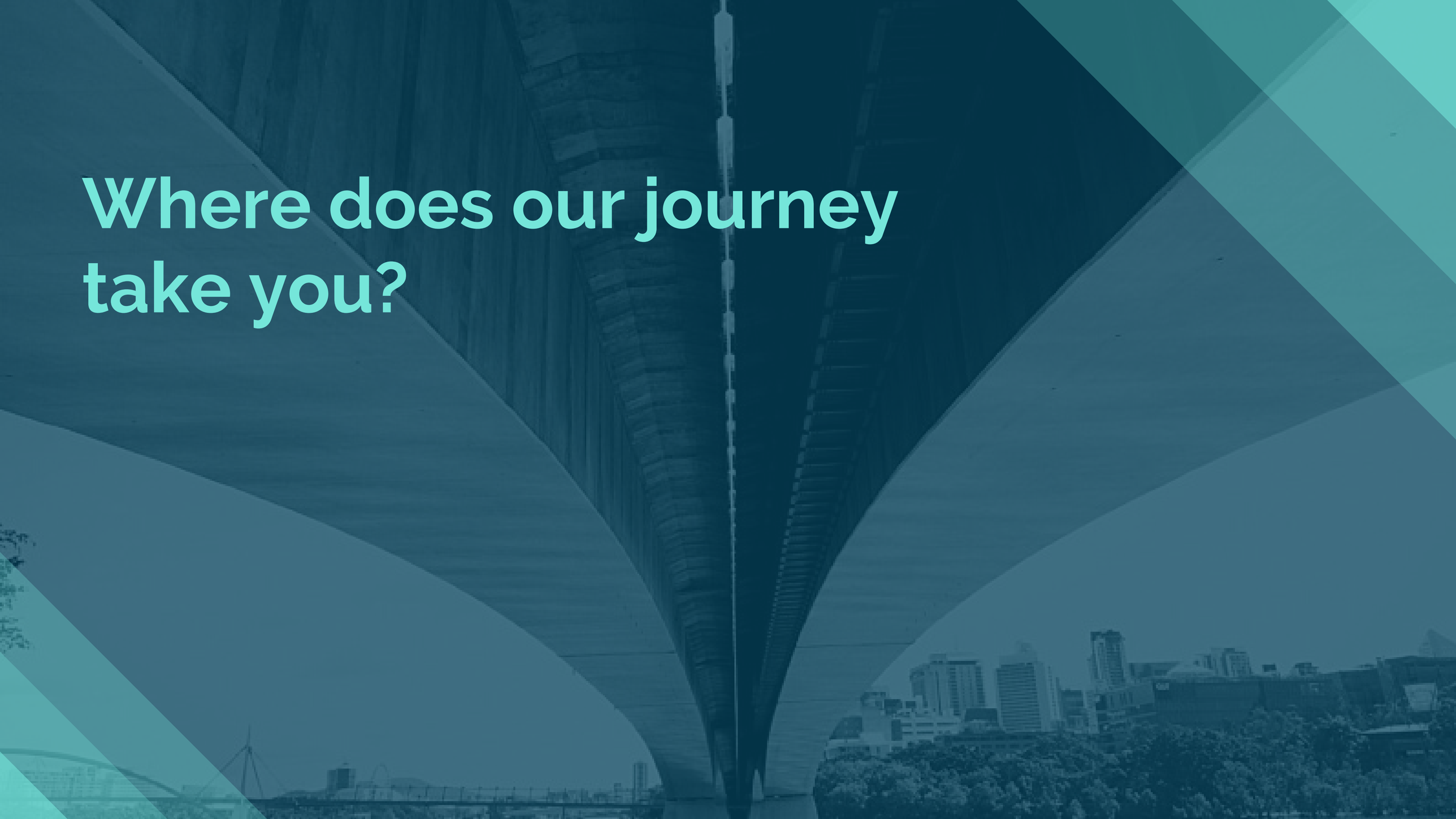
Then i filtered those houses by quality and the price. As expected the high quality houses are the most expensive.

Perfect to show off!



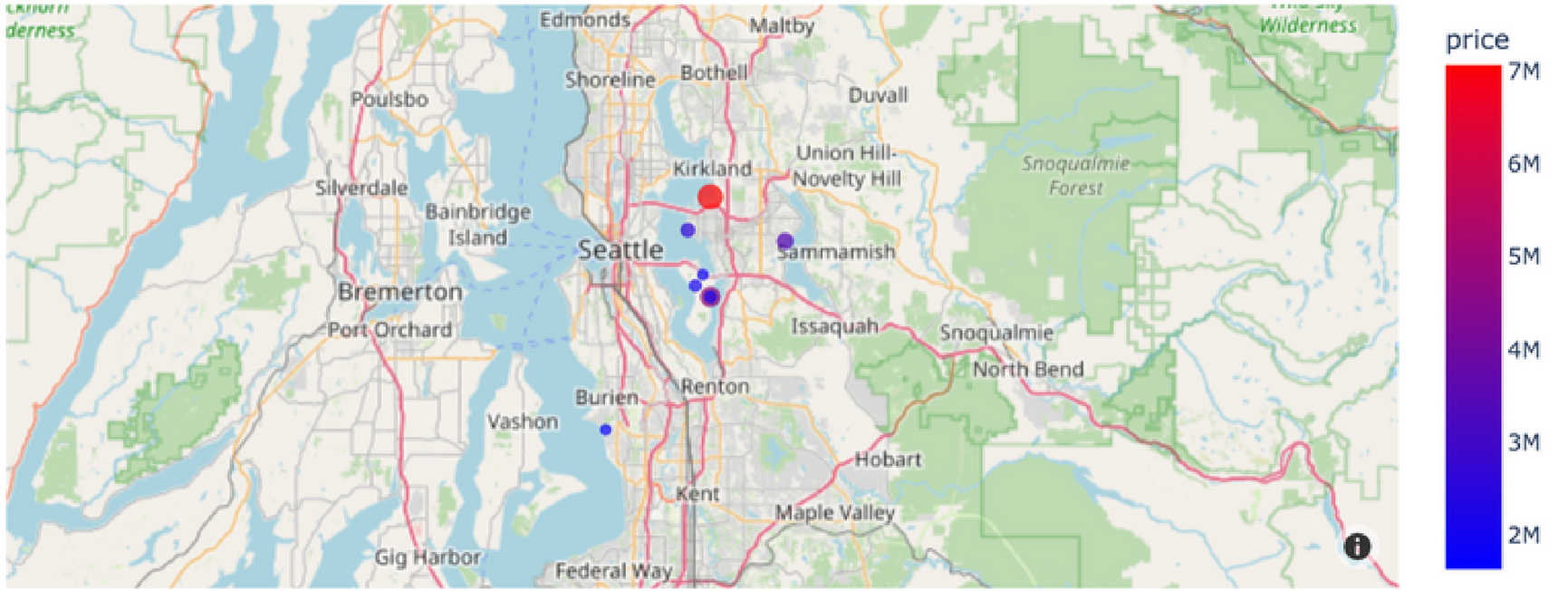
In the end i created a map on which i only showed the houses with highest quality and waterview on a map where also the price is beeing diaplayed.

Lets look at that together!



Where does our journey take you?

Houses with Water view and renovated



I can present you the following houses (all of them have the highest quality and waterview. They only differ in size and price and this is where you have to take the last steps of our journey to your new house:

	id	zipcode	price	price_per_sqft_living	bedrooms	bathrooms	sqft_living
3910	9808700762	98004	7060000.000	149.060	5.000	4.500	10040.000
8085	1924059029	98040	4670000.000	205.650	5.000	6.750	9640.000
18185	3625059152	98008	3300000.000	72.500	3.000	3.250	4220.000
16811	3025300095	98039	2500000.000	103.550	4.000	4.500	4300.000
17966	46100504	98040	2030000.000	75.470	4.000	3.750	4100.000