

A decorative graphic on the left side of the slide consists of two overlapping parallelograms. The front one is blue and the back one is a light green. They are positioned diagonally, with the blue one partially covering the green one.

# EDA Project for Nicole Johnsen

by Linn von Pein

# Finding a new home for Nicole Johnson

- Lively
- Central Neighborhood
- Middle price range
- Moving within a year



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- Lively
- Central Neighborhood
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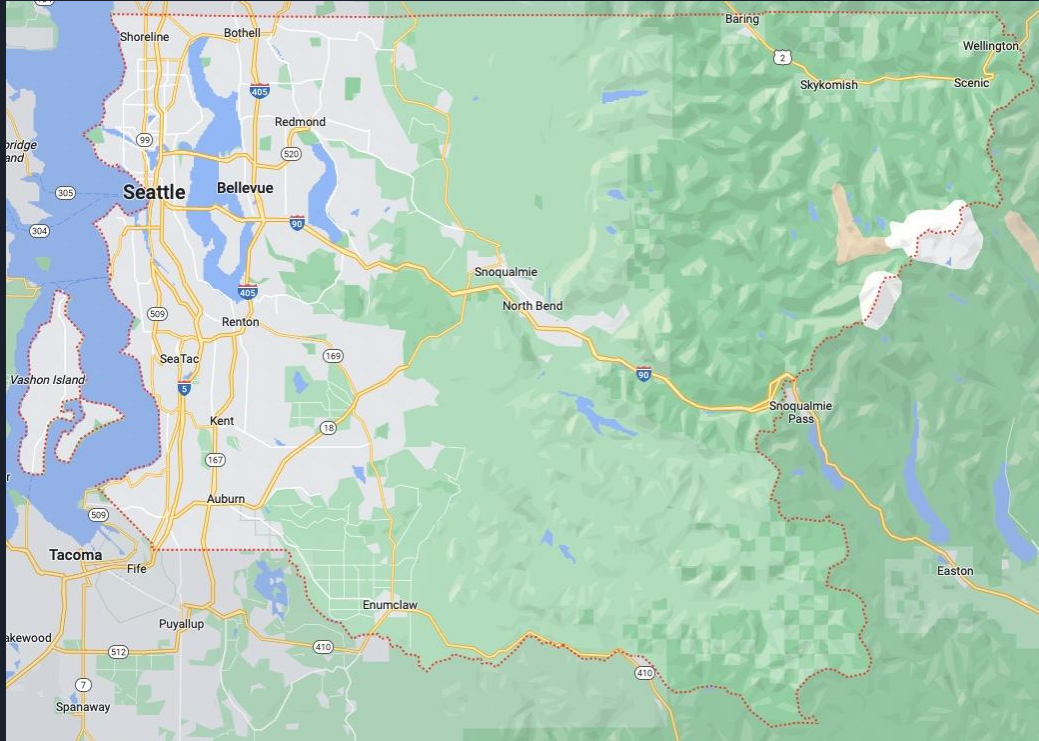
Q1: Which is the middle price range?

Q2: Are house prices and centrality connected?

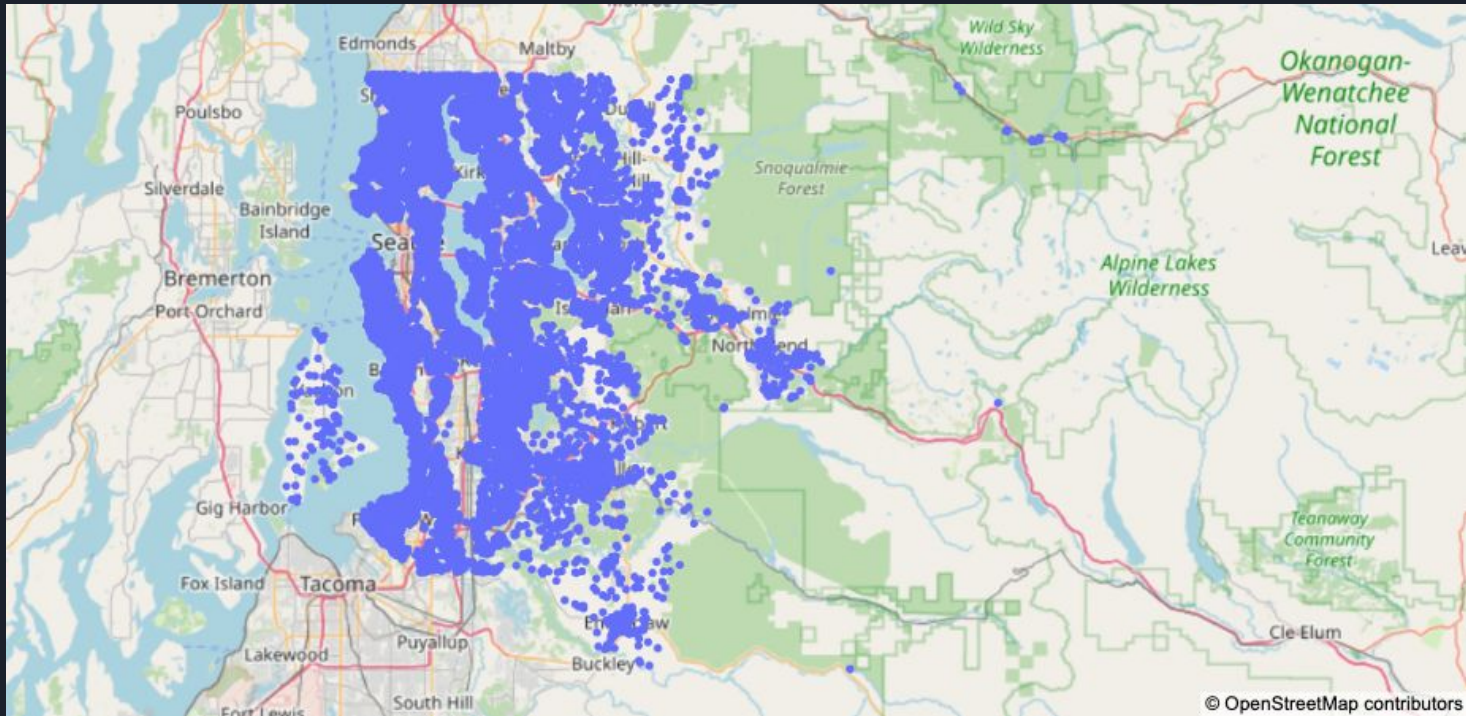
Q3: Is there a best time to buy the house?

Q4: Affordable houses in central and lively neighborhood?

# Houses in King County



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-> There are many houses within King County to choose from!

Q1: Which is the middle price range?



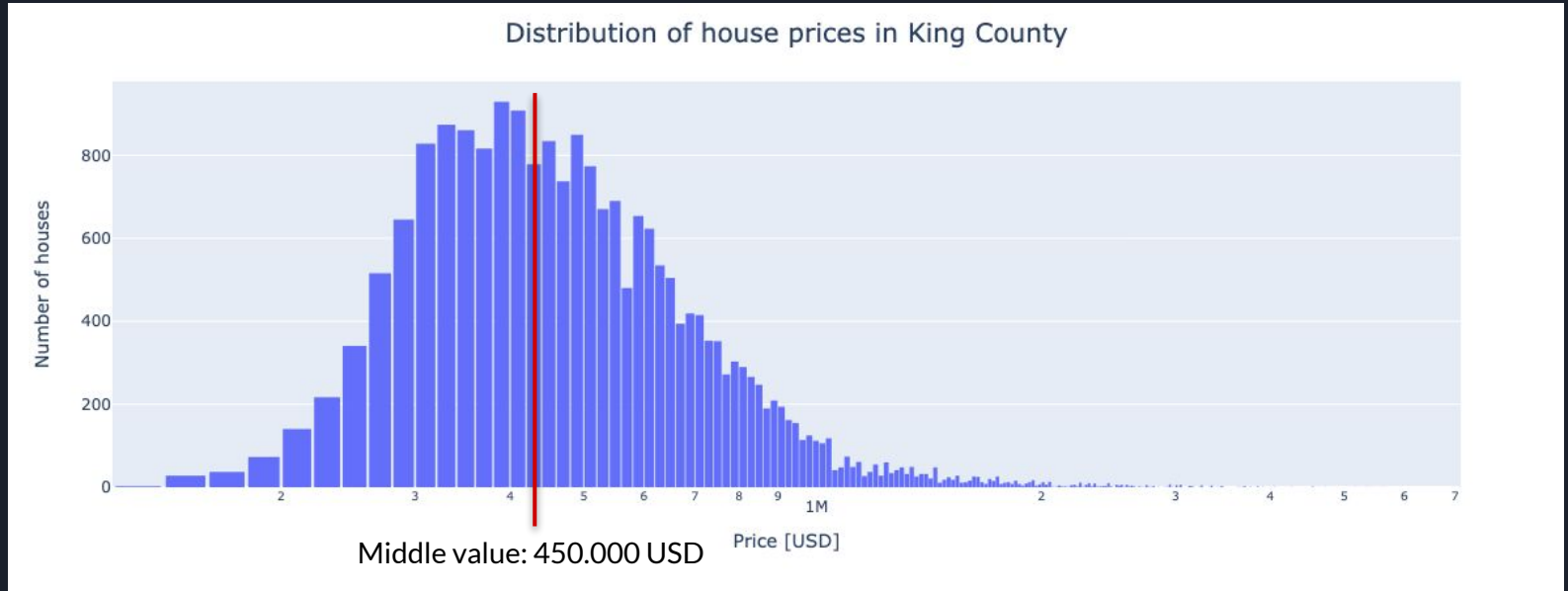
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# What price ranges exist in King County?



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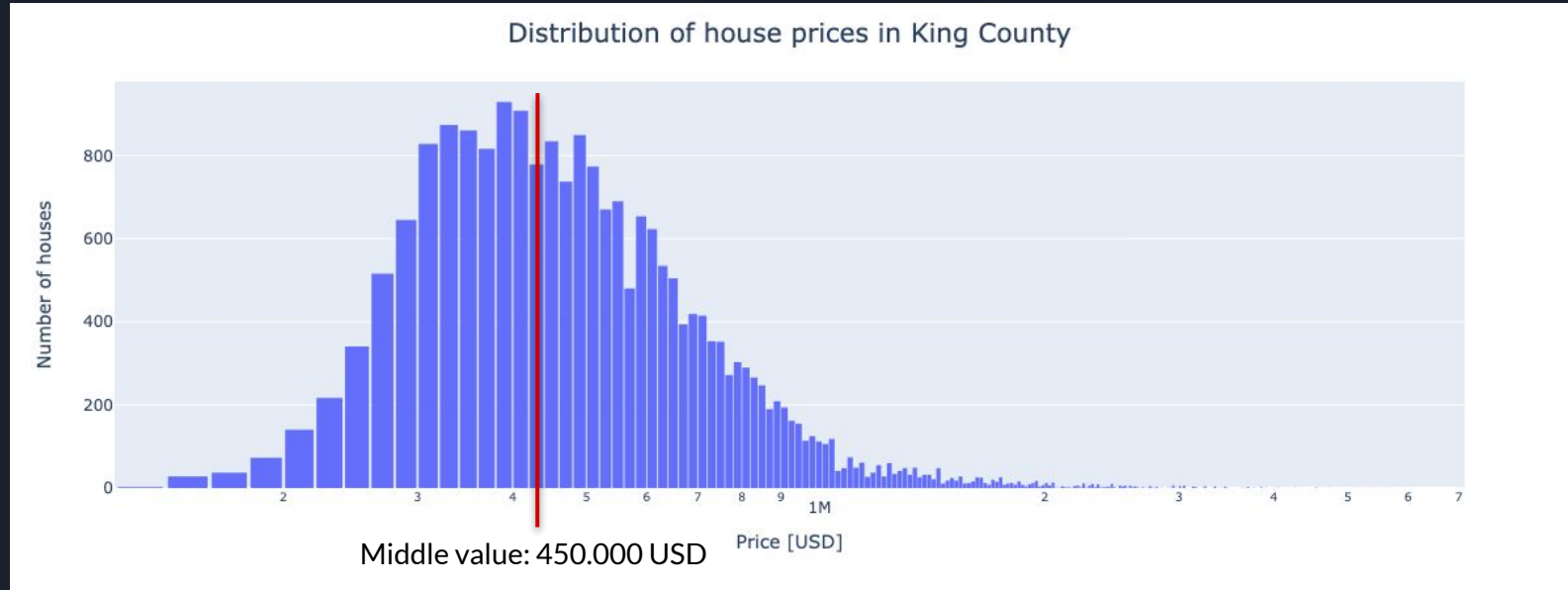
# What price ranges exist in King County?





Q1: Which is the middle price range?

# What price ranges exist in King County?



-> Middle price range chosen: 400.000 - 500.000 USD (3568 houses)

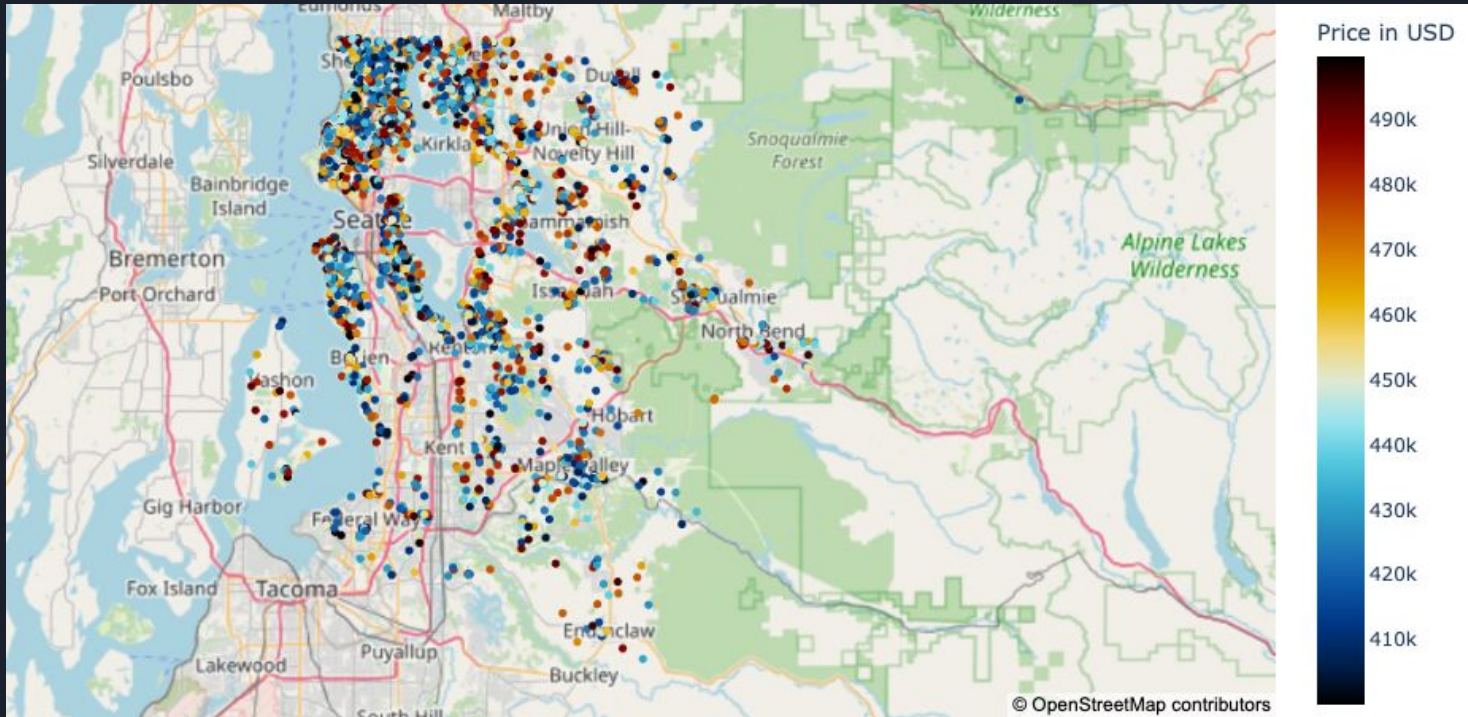
-> Q1 answered: Which is the middle price range?

Q2: Are House prices and centrality connected?



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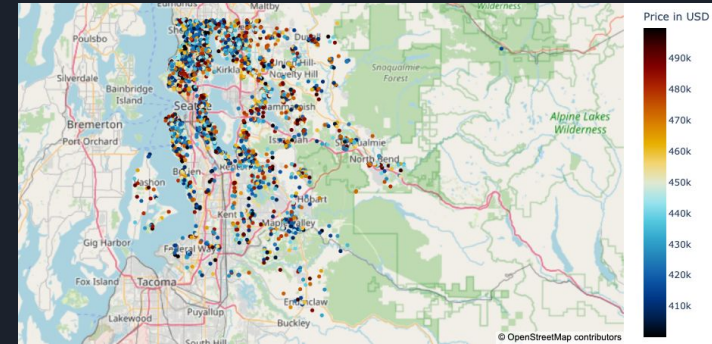
## Houses in King County with middle price range



-> The middle price range is distributed

Q2: Are House prices and centrality connected?

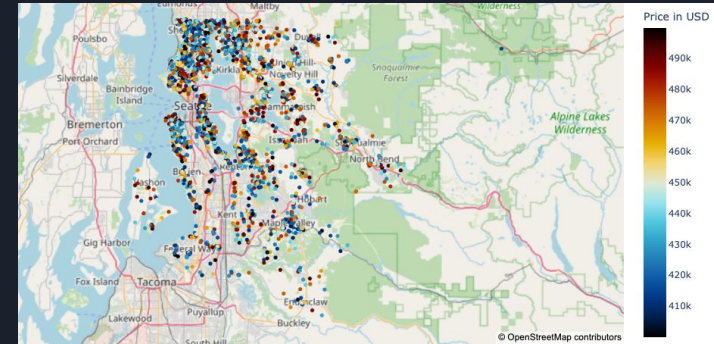
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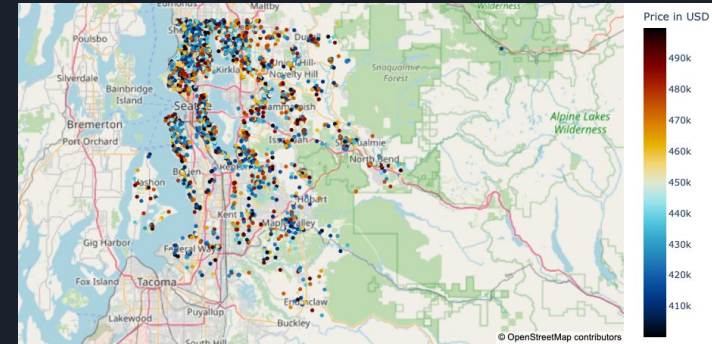
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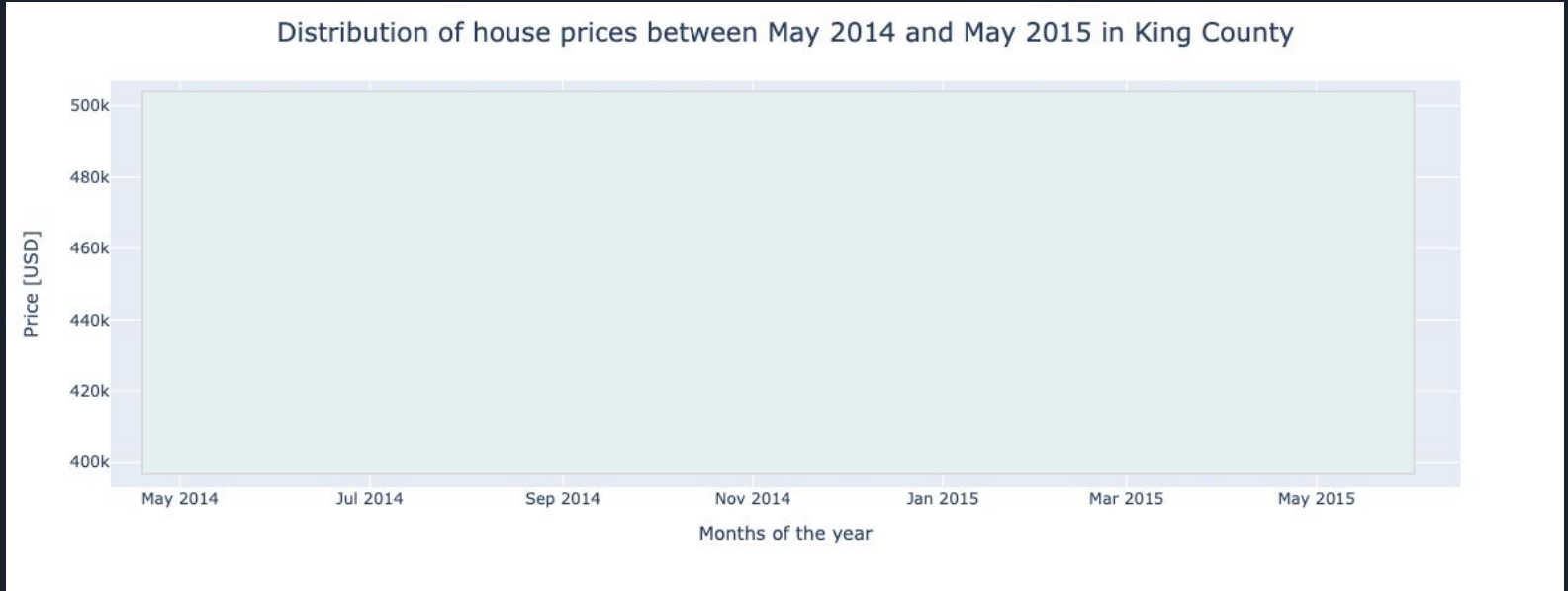
-> Q2 answered: Are House prices and centrality connected?

Q3: Is there a best time to buy the house?



Q3: Is there a best time to buy the house?

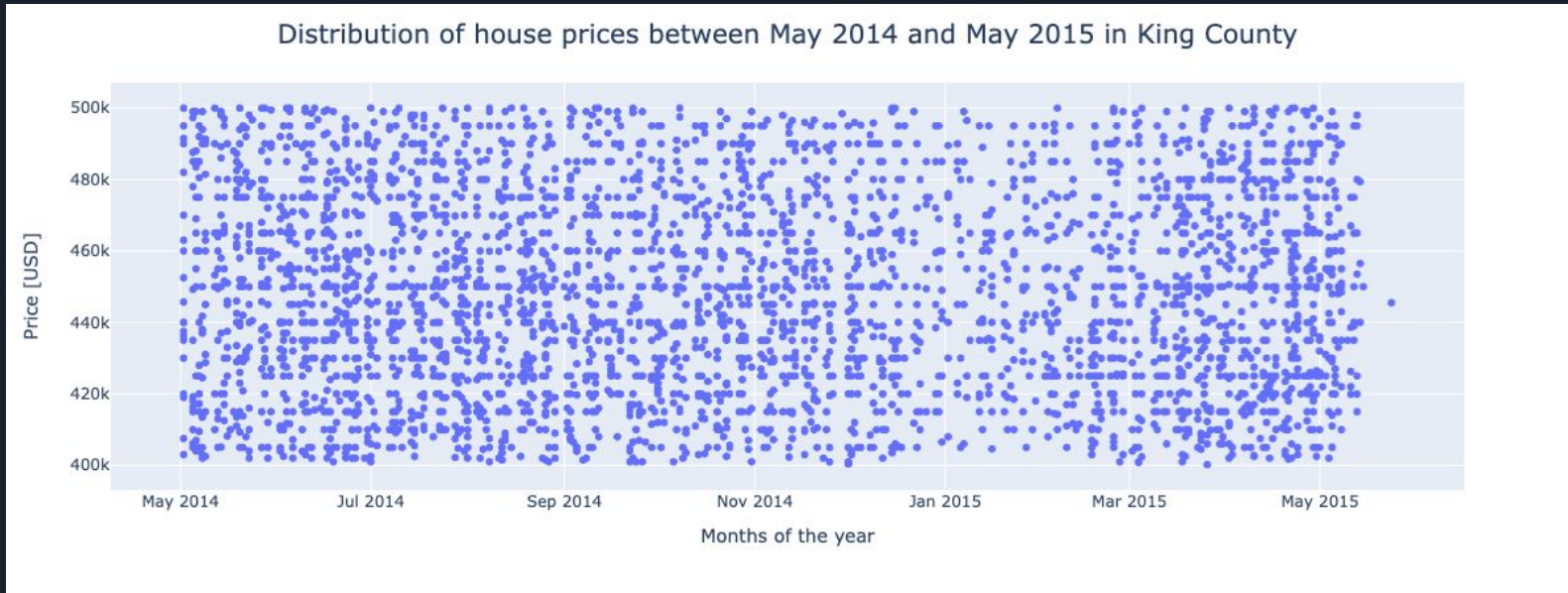
# Are house prices seasonally effected?





Q3: Is there a best time to buy the house?

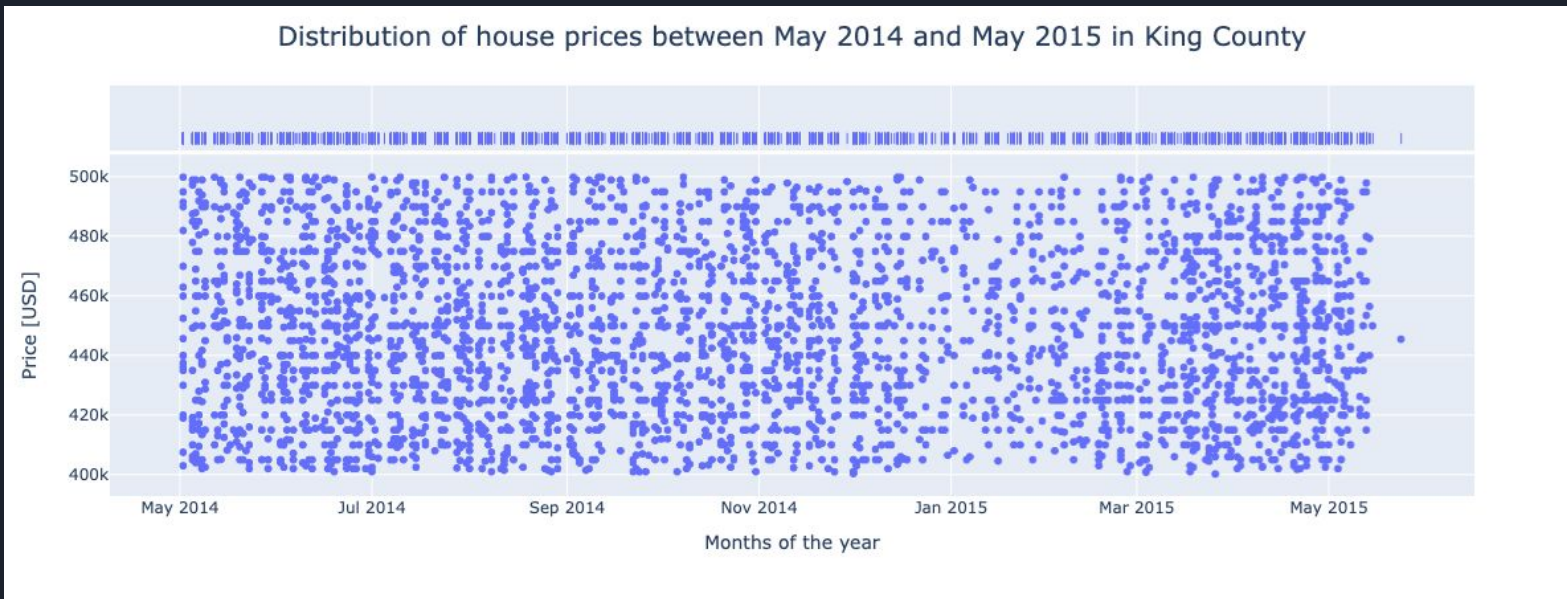
# Are house prices seasonally effected?



-> The prices stay stable over the year

Q3: Is there a best time to buy the house?

# Are house prices seasonally effected?

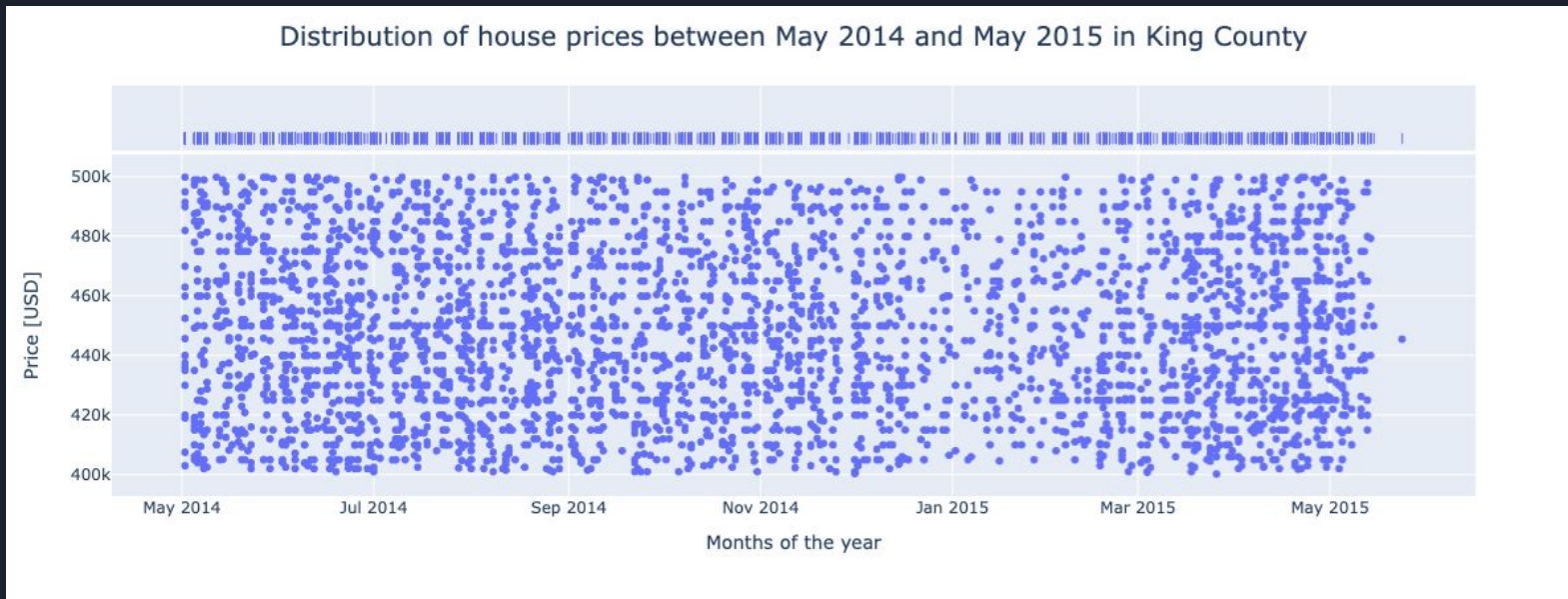


-> The prices stay stable over the year

-> Sales drop slightly in winter, possible good window

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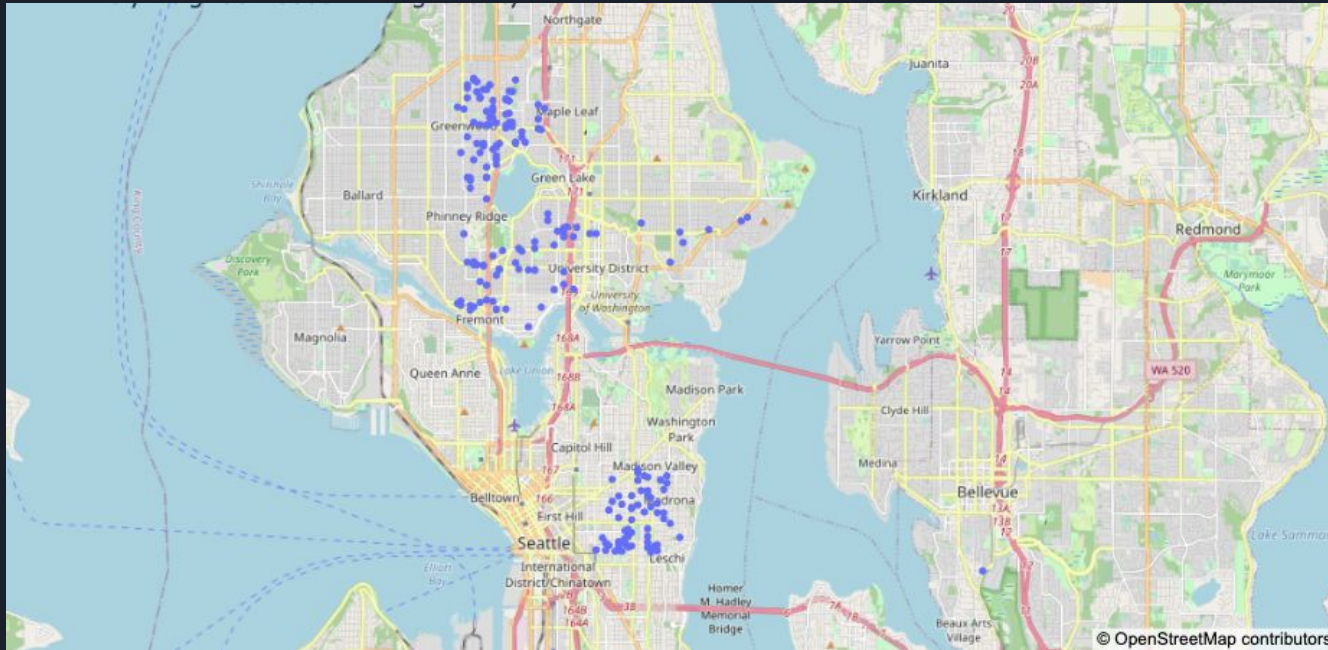
-> Q3 answered: Is there a best time to buy?

Q4: Affordable houses in central and lively neighborhood?



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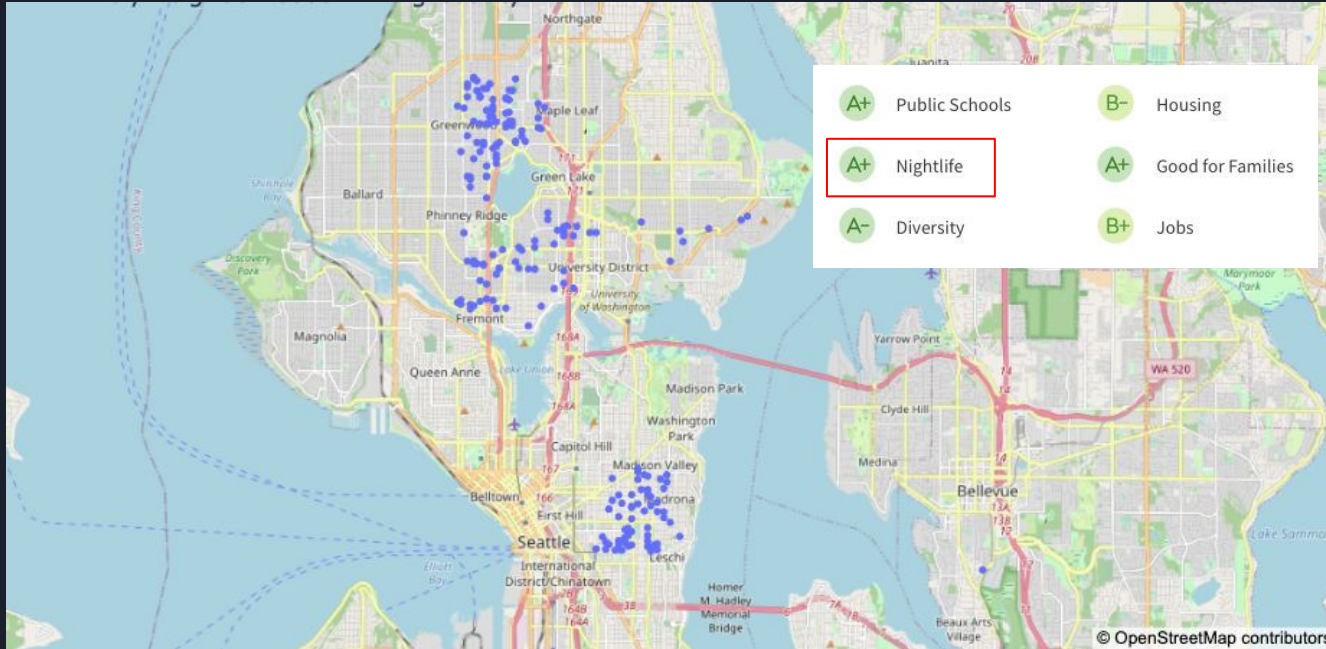
# Which areas are recommended?





Q4: Affordable houses in central and lively neighborhood?

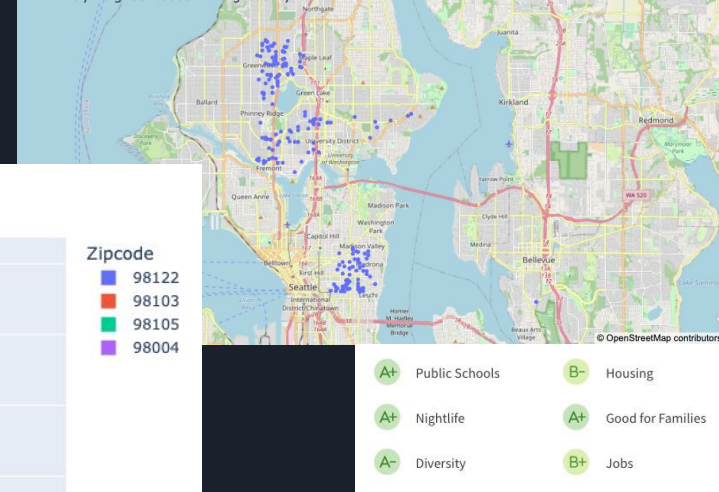
# Which areas are recommended?



-> Zipcodes fulfilling the requirements : 98004, 98121, 98101, 98122, 98105, 98103

#### Q4: Affordable houses in central and lively neighborhood?

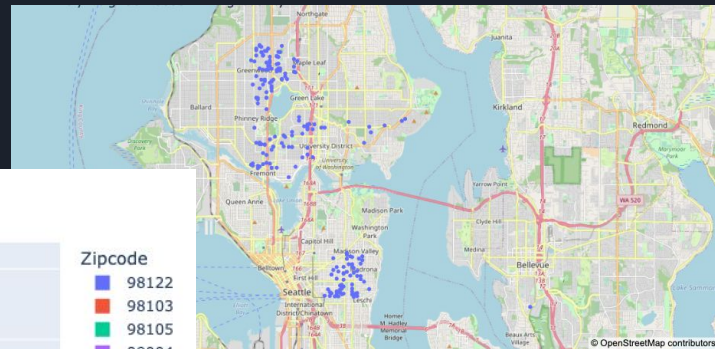
# Which areas are recommended?



-> Houses also fall within the price range!

Q4: Affordable houses in central and lively neighborhood?

# Which areas are recommended?



A+	Public Schools	B-	Housing
A+	Nightlife	A+	Good for Families
A-	Diversity	B+	Jobs

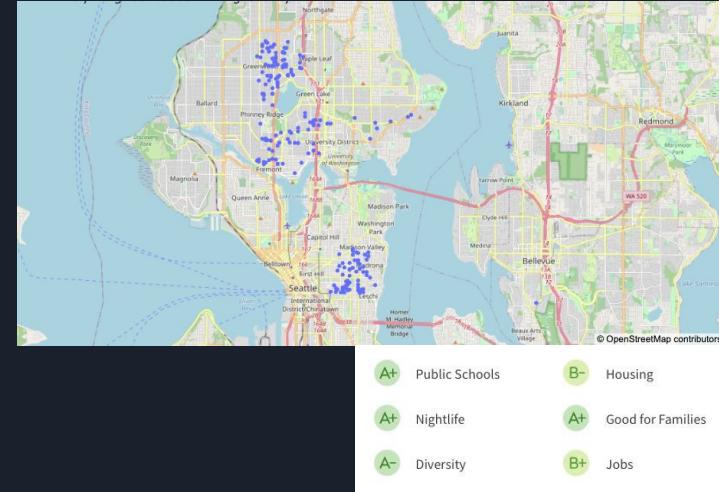
-> Houses also fall within the price range!

-> Q4 answered: Affordable houses in central and lively neighborhood?



## Q4: Affordable houses in central and lively neighborhood?

# Which areas are recommended?



### Final recommendation:

- Lively zipcodes 98122, 98103, 98105, 98004
- No significant best time to buy
- Middle price range between 400,000 USD and 500,000 USD would get in this area houses of decent sizes ranging from 900 to 2,250 square feet.

Source:

<https://www.niche.com/places-to-live/search/best-zip-codes-to-live/?centroid=47.77886%2C-121.96448%2C47.49707%2C-122.52923>



# Thank you for your attention!

And good luck with the new house in Seattle!

