

BACKGROUND

King County is a region in Washington state that includes Seattle and is known for its strong economy, diverse population, and natural beauty. Major employers include technology companies, healthcare providers, financial institutions, and government agencies. The real estate market in King County is highly competitive due to strong demand, limited supply, and high levels of income and wealth among buyers, with median home prices above the national average and increasing steadily in recent years.









WE HAVE BEEN PROVIDED WITH A RAW DATASET CONSISTING OF HOUSE SALES PRICES IN NORTHWESTERN COUNTY.



TASK IS TO FORMULATE A REAL BUSINESS CASE STUDY, ANALYZE THE DATA, AND PROVIDE VALUABLE INSIGHTS TO AID IN MAKING INFORMED BUSINESS DECISIONS.

Business Understanding



The aim of this project is to provide useful business insights to a hypothetical client, Kings Wajuzi Developers who is interested in investing in the real estate market of Northwestern County.



Our goal is to analyze the provided dataset and formulate a business problem related to this domain, which can be solved using data science techniques.



By leveraging our expertise, we aim to provide valuable recommendations that can help our client in making informed decisions regarding their investment in the local real estate market.

OBJECTIVES



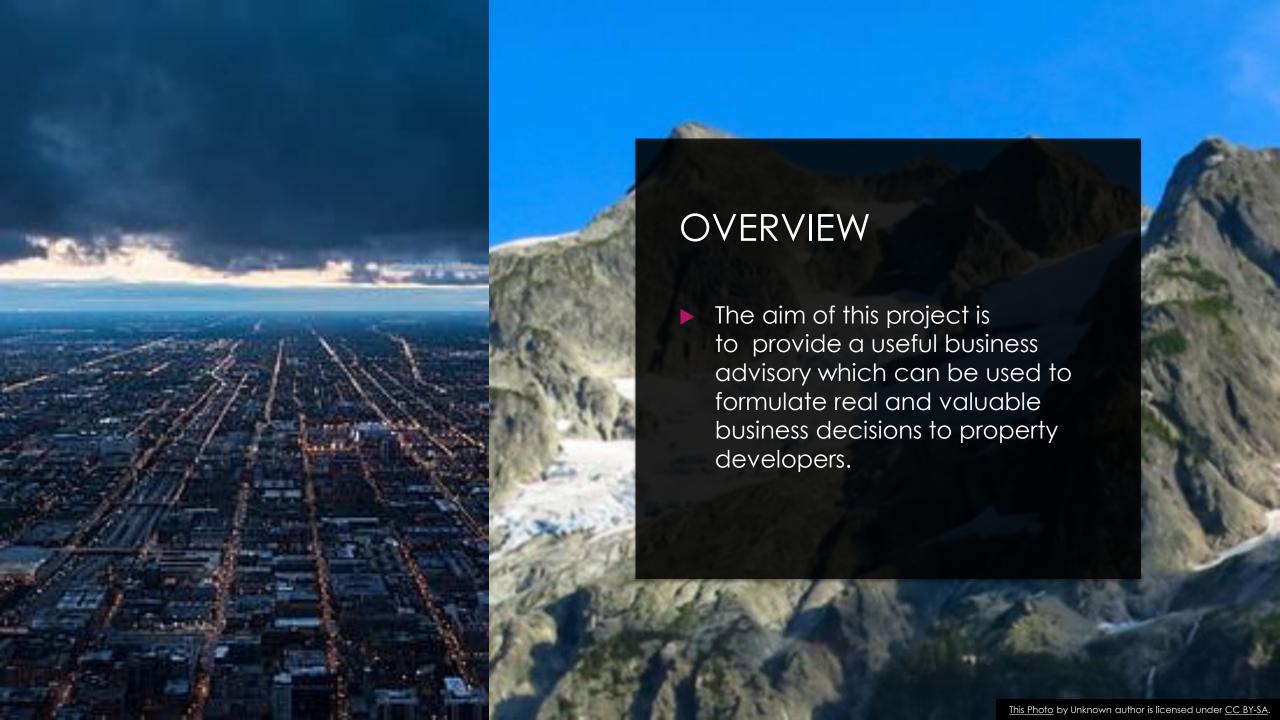
To determine the best season that favors sale of prices of homes.



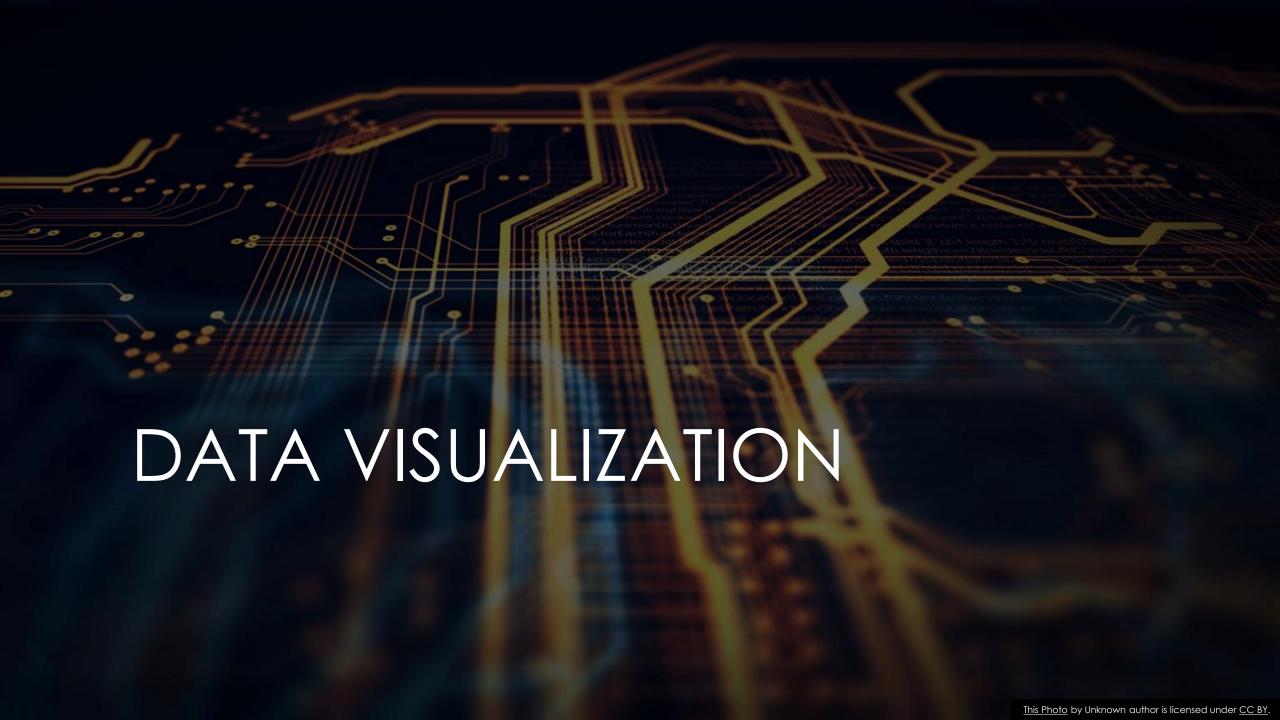
To determine which locations are the most popular to home owners.



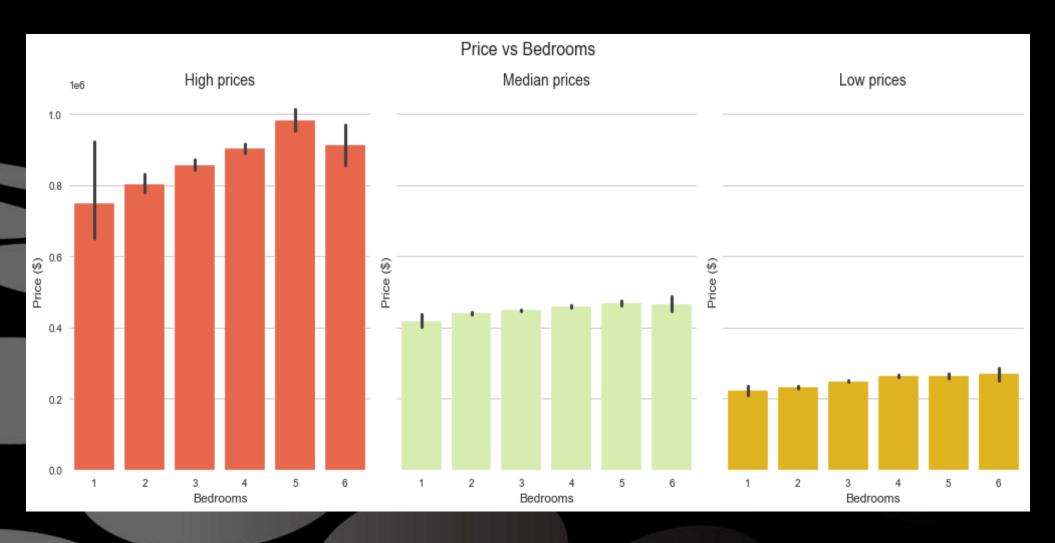
To determine which house features home owners look out for the most.



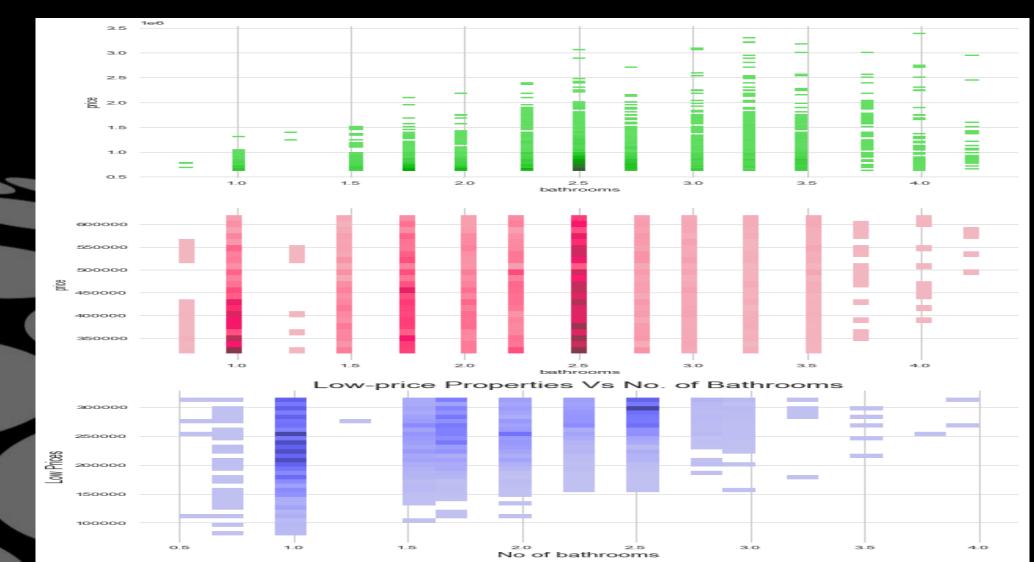




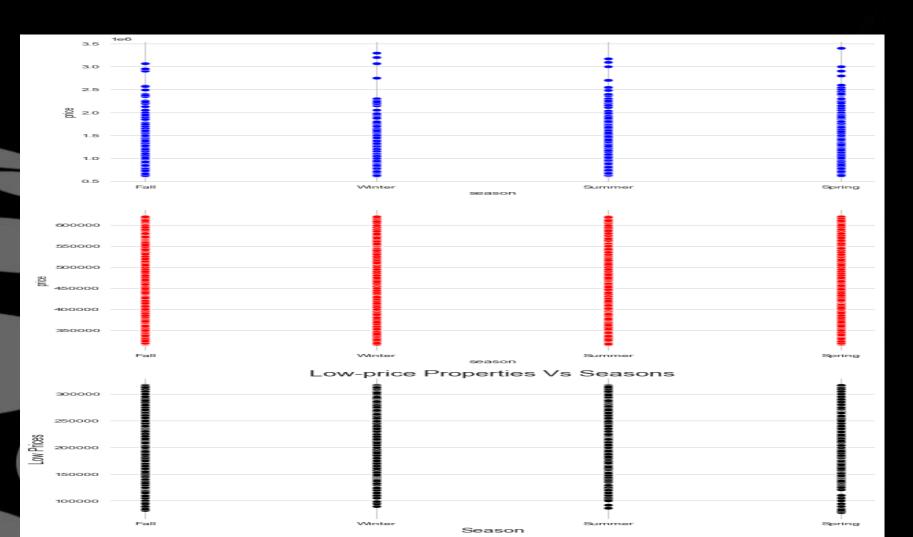
1. How do different priced houses relate with the number of bedrooms?

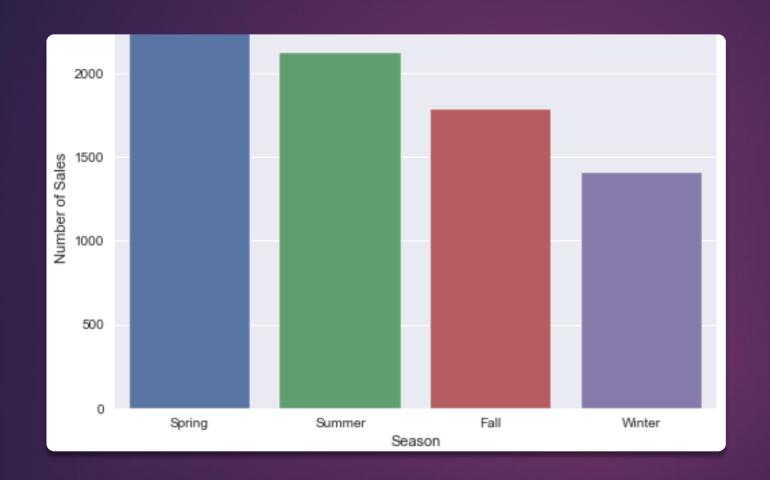


2. How do different priced houses relate with the number of bathrooms?

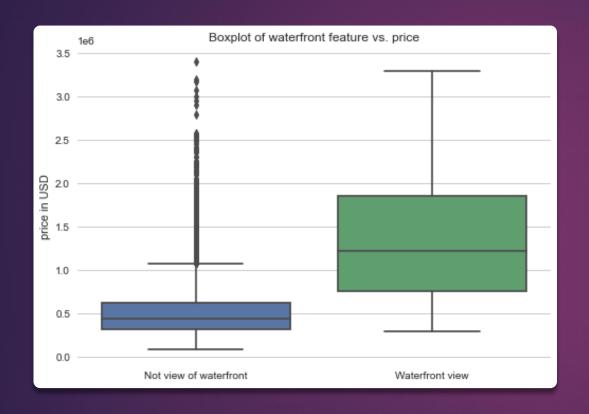


3. How do different-priced houses relate with the seasons





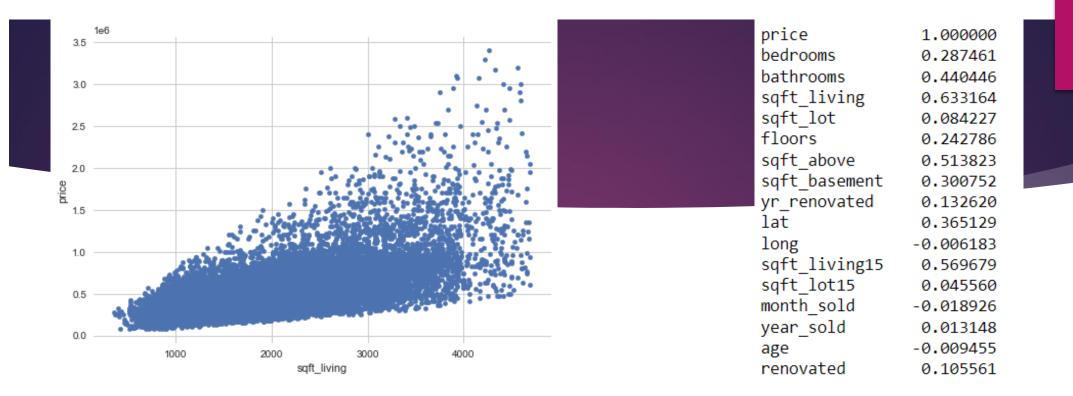
How do Seasons Affect Sales of Properties



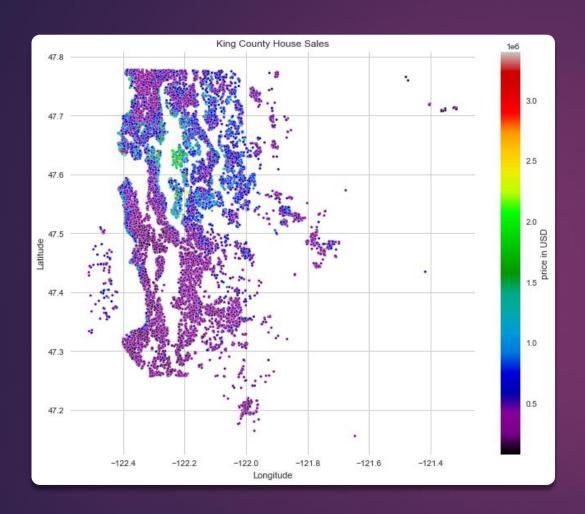
Does the Presence of a waterfront feature affect its price?



Zip Code



Baseline Model Generation



How does
Location affect
the Sale Price of
a house?

