**About the Dataset:**

This dataset shows information on real estate sales over several years, showing details about different properties that were bought and sold. Each entry includes the sale price, the type of property and the date it was sold. It also lists important features of each property, such as the size of the lot, the number of bathrooms and bedrooms, and whether the property has a finished basement.

Other details include the property's age (when it was built and renovated), how much the property has been affected by traffic noise, and its estimated land value and value of improvements.

Additionally, the dataset shows how property values have changed over time with the Zillow Home Value Index, which gives a general sense of the real estate market trends. There’s also information on whether the property is new construction or not.

This data helps us understand how different factors influence property prices and how the market has changed over the years.

**Problem Statement**

*King County homes is a real estate company with many properties in their portfolio. Recently, there have been a lot of changes in the market and business cannot continue to be run the way it has been for decades. The stakeholders, in the midst of rapidly changing economic forces, want to understand how all these affects the prices and value of their properties.*

*I have been tasked as an analyst to uncover insights that can help proffer solutions to these problems. I am to do so using the dataset and my goals are to find out the impact of property characteristics, location and market trends on home sale prices over time. I am also to find out what factors contribute to higher property values.*

**Questions:**

1. What factors have the strongest correlation with higher sale prices?
2. How do home prices vary by property type and zip code?
3. How does inflation-adjusted pricing affect real estate trends?
4. Which locations have the highest proportion of new vs. old constructions, and do new homes sell for more?