House Sales in King County

- **Problem statement formation**

What features of a single family house that are most correlated with sale price from May 2014 to May 2015 in King County, Washington, USA can be emphasized to maximize average sale price for next year for a real estate firm?

- **Context**

Detailed data on single family home sales from May 2014 to May 2015 in King County, Washington, USA has been collected. This dataset can be used to develop a regression-based pricing model to maximize home sales for next year for the real estate firm.

- **Criteria for success**

Average prices for the real estate company's home sales increases next year above the expected market average.

- **Scope of solution space**

The focus will be in determining the main factors in the King County House Sales dataset, and developing a pricing model based on those factors.

- **Constraints**

Uncertain market forces could make criteria for success difficult.

- **Stakeholders**

Real estate company executives
Realtors in company
Data Science management

- **Data sources**

House Sales in King County, USA dataset on Kaggle.com
https://www.kaggle.com/datasets/harlfoxem/housesalesprediction

Deliverables: A GitHub repository containing a slide deck and project report