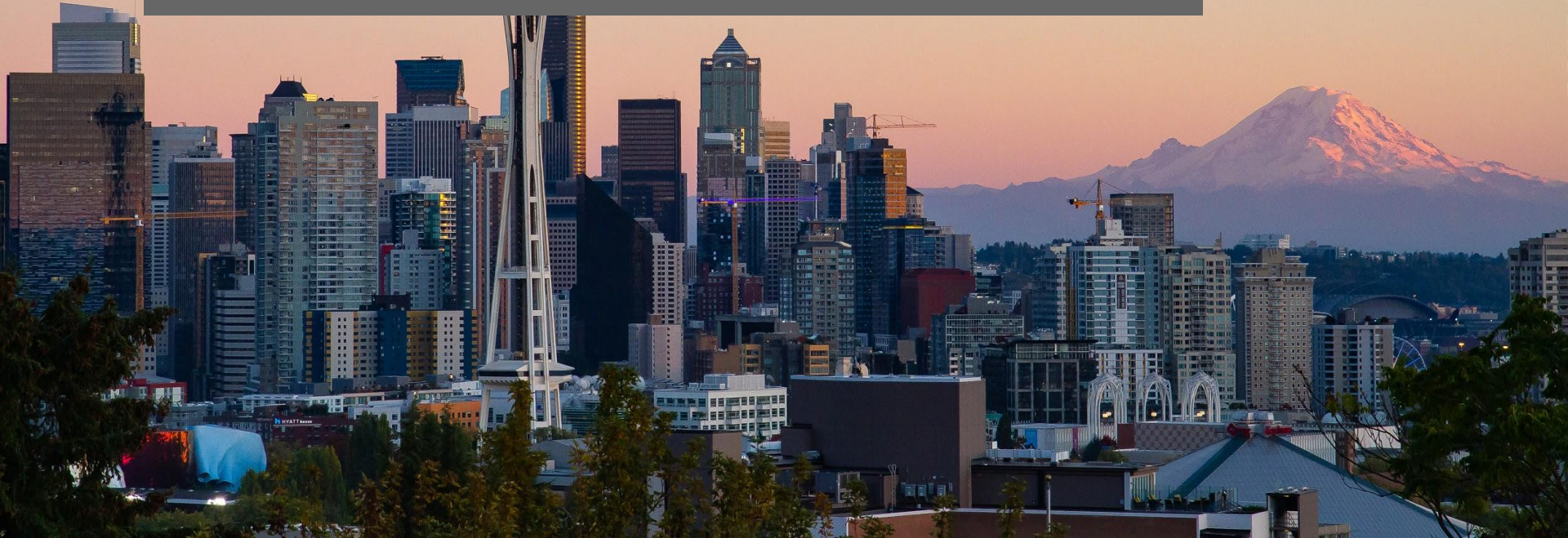


Project Presentation

King County Housing Prices

Joe Wilkinson





Problem Statement

Develop a model to predict the sale price of houses as accurately as possible.



Value Added

1

More accurate estimating reduces the chances for losses in new projects

2

Better understanding of which locations are best to focus on

3

Reduce employee workload spent on estimating house prices



OSEMN Methodology

Using the OSEMN methodology gives a strong framework in which we can insure accurate and actionable results.

- 01 | Obtain Data
- 02 | Scrub Data
- 03 | Exploratory Analysis
- 04 | Model Creation
- 05 | Interpret Results





Getting the Data to Work for Us

1

Our first step is to explore and understand the dataset

3

We make sure that all of the predictors we are using describe price and not each other

2

We need to deal with rows that are missing data

4

We want to be certain that our data fulfills all the assumptions that are necessary to create a model



Recommendations

0
1



Build houses to
maximize square
footage

Make sure the buyer
views the property

0
3



Focus on high yield
zip codes

0
2





Future Work

- Build a model for construction costs
- Calculate ROI of a project
- Expand to new territories





Thank you.