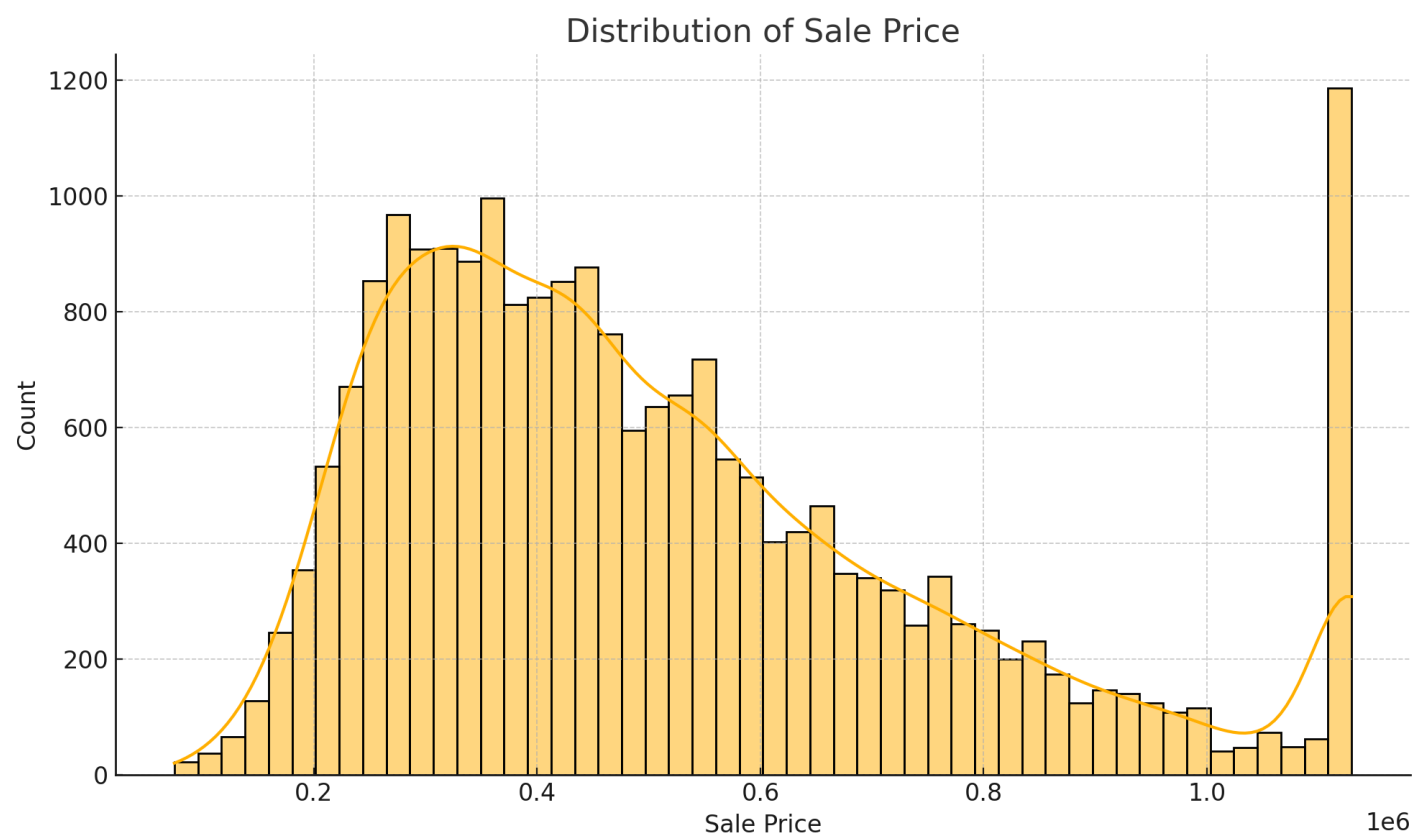# Housing Data Analysis Report

This report provides an analysis of the housing dataset. It includes:

- Distribution of sale prices

- Impact of number of bedrooms and overall grade on sale price
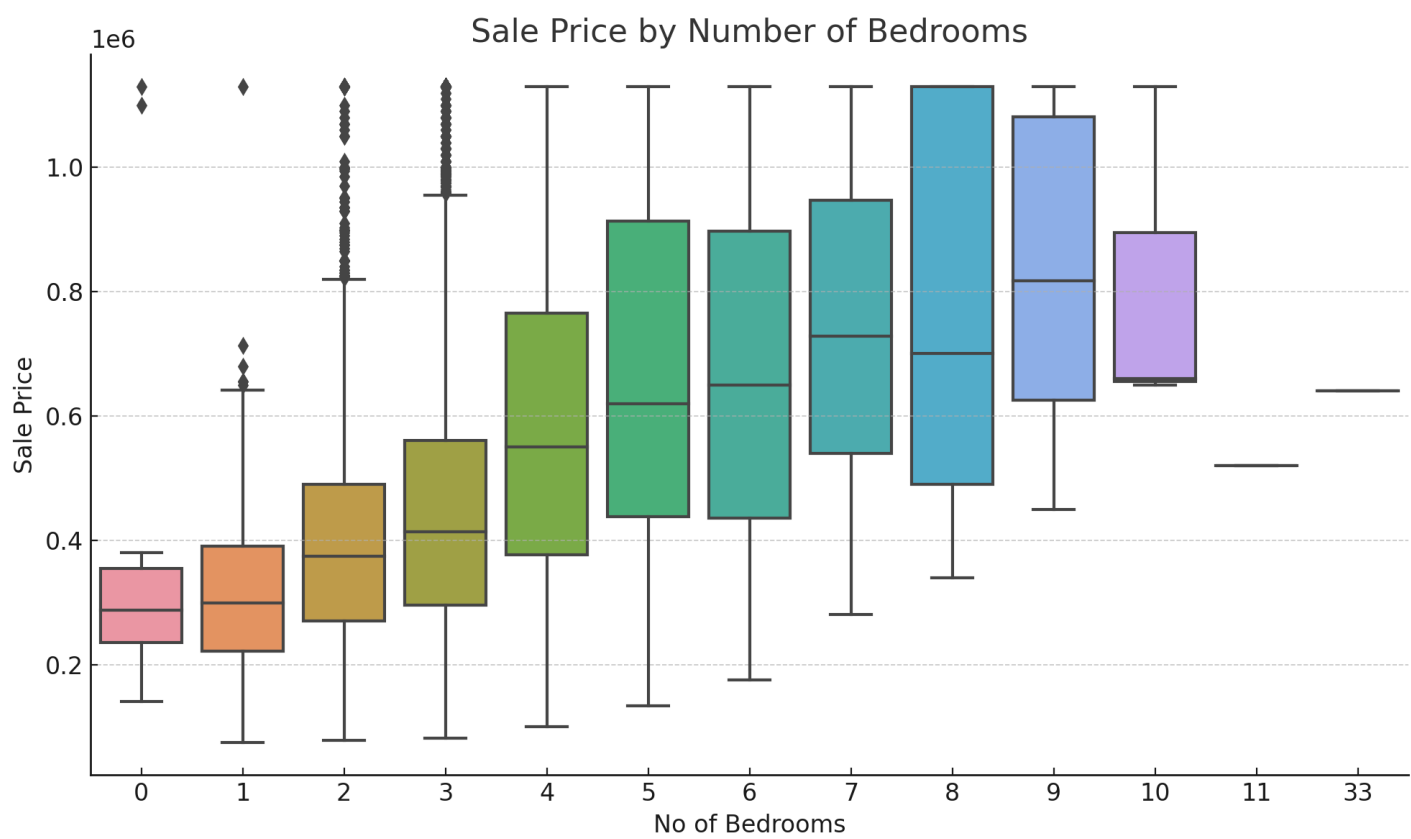
- Correlation matrix of numeric features

Dataset Info:

- Total Records: 21609

- Total Features: 31

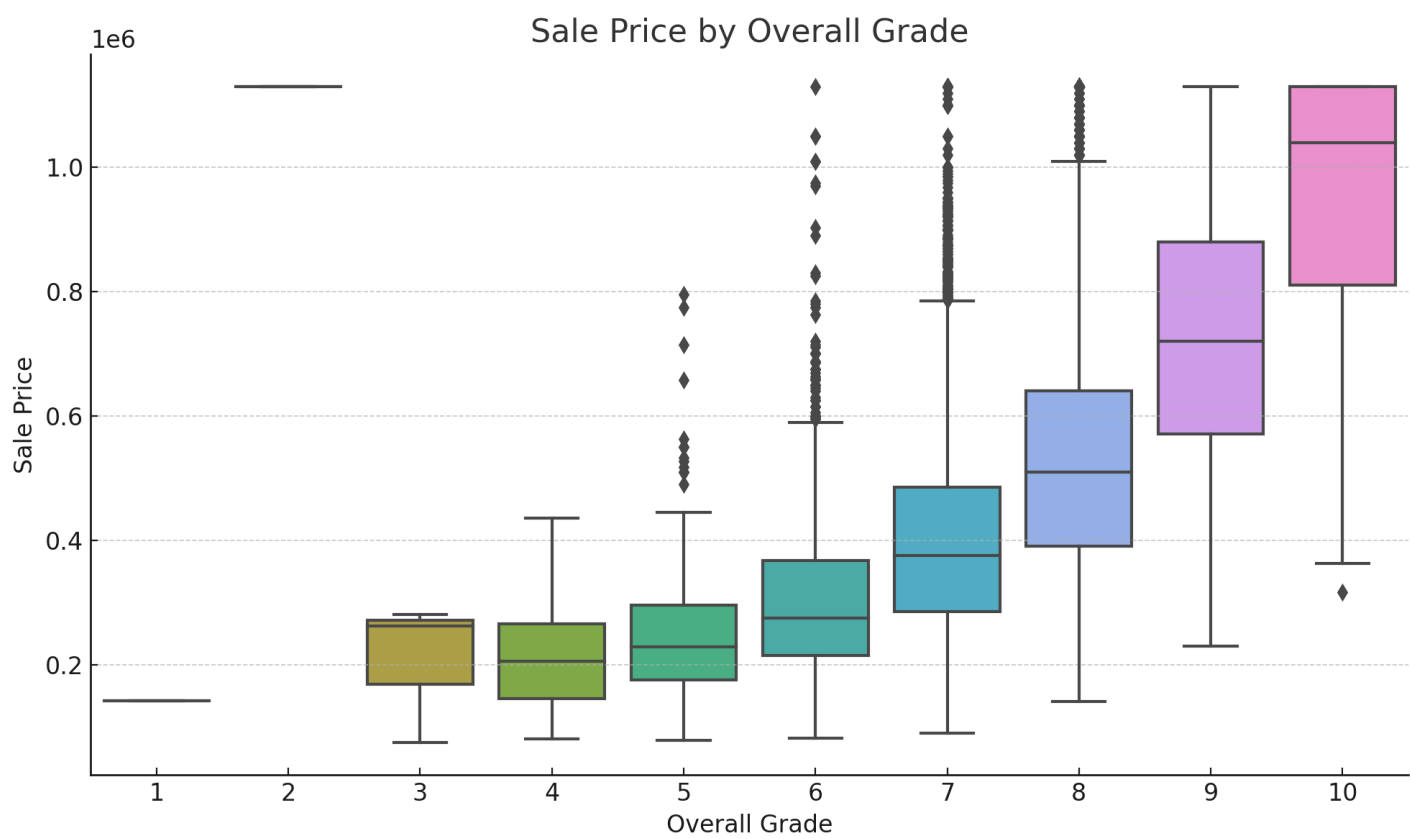- Date: 2025-07-21
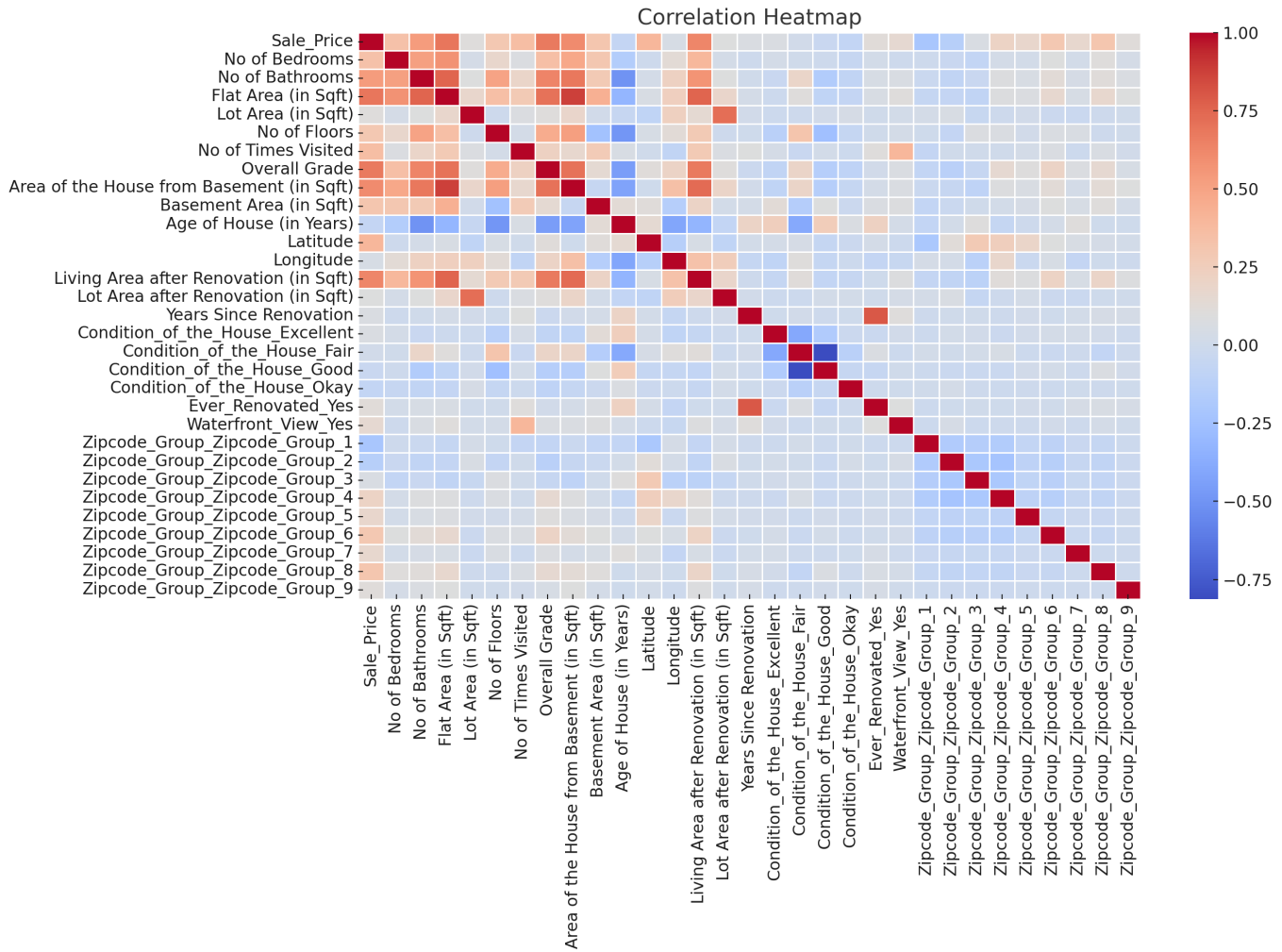
Sale Price Distribution

Price By Bedrooms

Sale Price by Number of Bedrooms

Price By Grade

Sale Price by Overall Grade

Correlation Heatmap

Correlation Heatmap

HOUSING DATA PROJECT - ATTACHMENTS SUMMARY

This document summarizes the key project deliverables:

1. Dataset:

  - File: Housing_Dataset_Clean.csv

  - Description: Cleaned housing dataset with 21,609 records and 31 features.

2. Tableau Workbook:

  - File: Housing_Analysis.twb

  - Contains: Structure for dashboards - Price Distribution, Price vs Bedrooms, Price vs Grade.

  - Note: Open in Tableau and export as .twbx.

3. Visualizations:

  - Distribution of Sale Price

  - Sale Price by Number of Bedrooms

  - Sale Price by Overall Grade

  - Correlation Heatmap

To view the Tableau file, please use Tableau Public or Tableau Desktop.