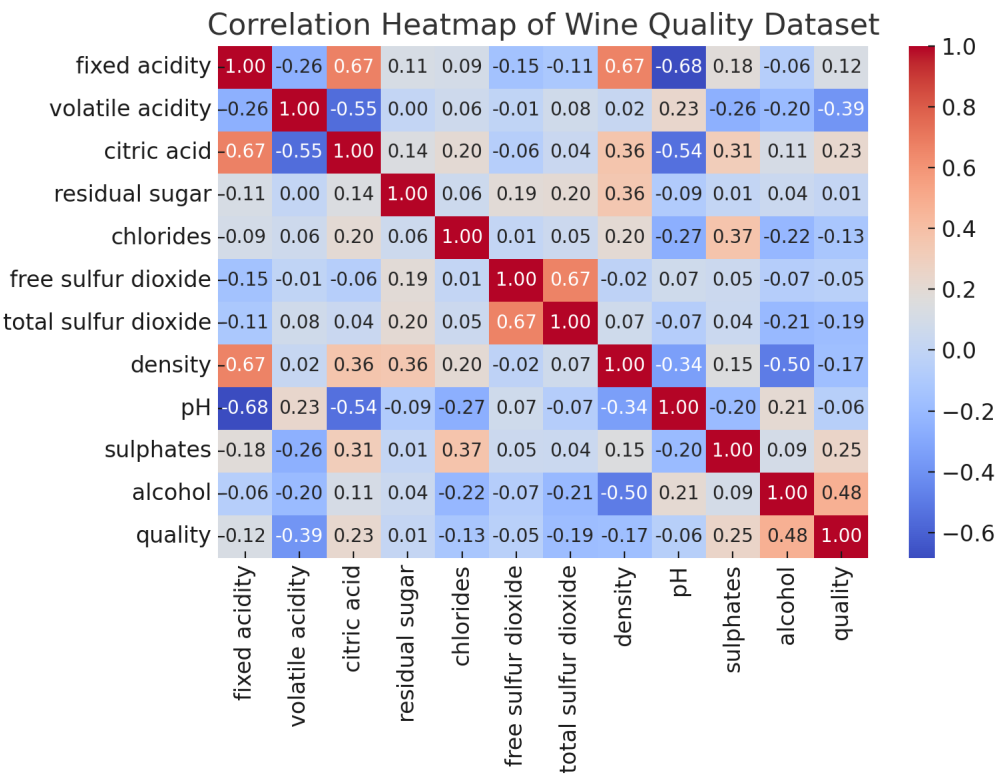


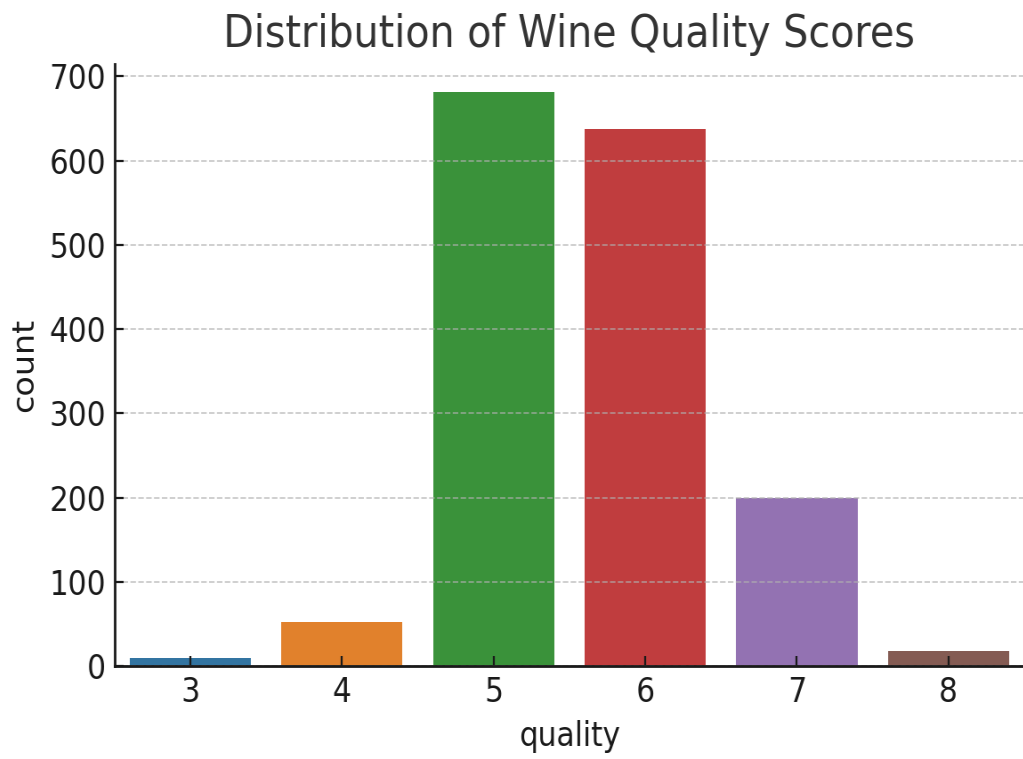
# Wine Quality Data Analysis Portfolio

This project analyzes the Wine Quality dataset to demonstrate data analysis and visualization skills using Python.

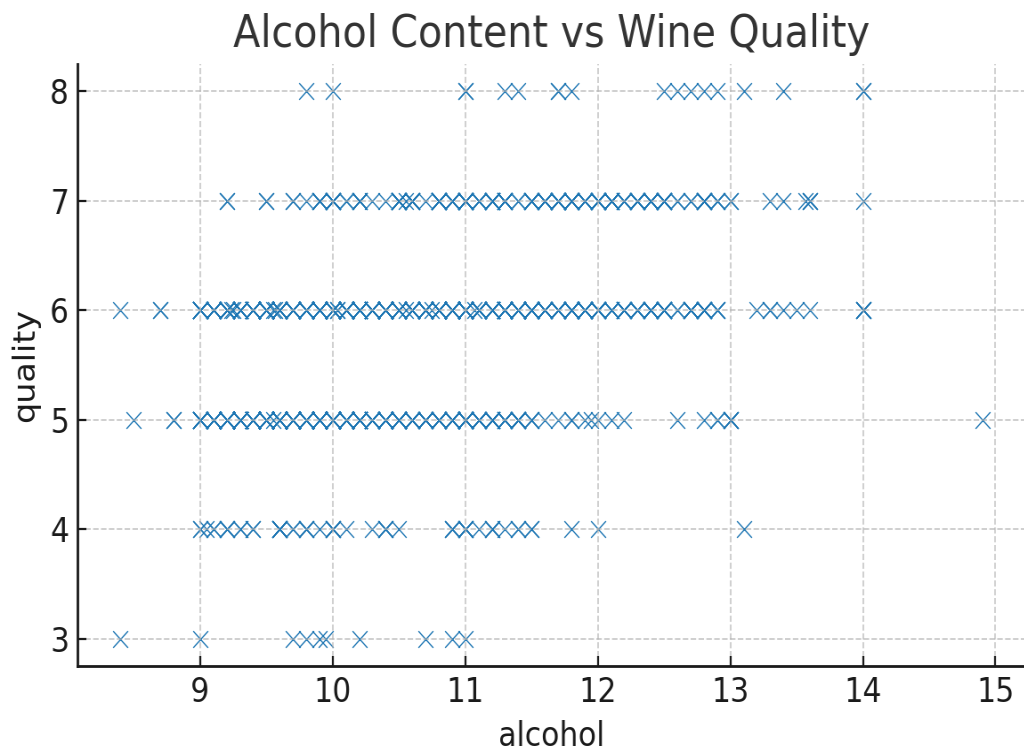
## 1. Correlation Heatmap



## 2. Distribution of Wine Quality Scores



### 3. Alcohol Content vs Wine Quality



### Key Insights:

- Most wines have a quality score between 5 and 6.
- Alcohol content has a positive correlation with wine quality.
- Certain features (e.g., volatile acidity, sulphates) also show moderate correlations with quality.