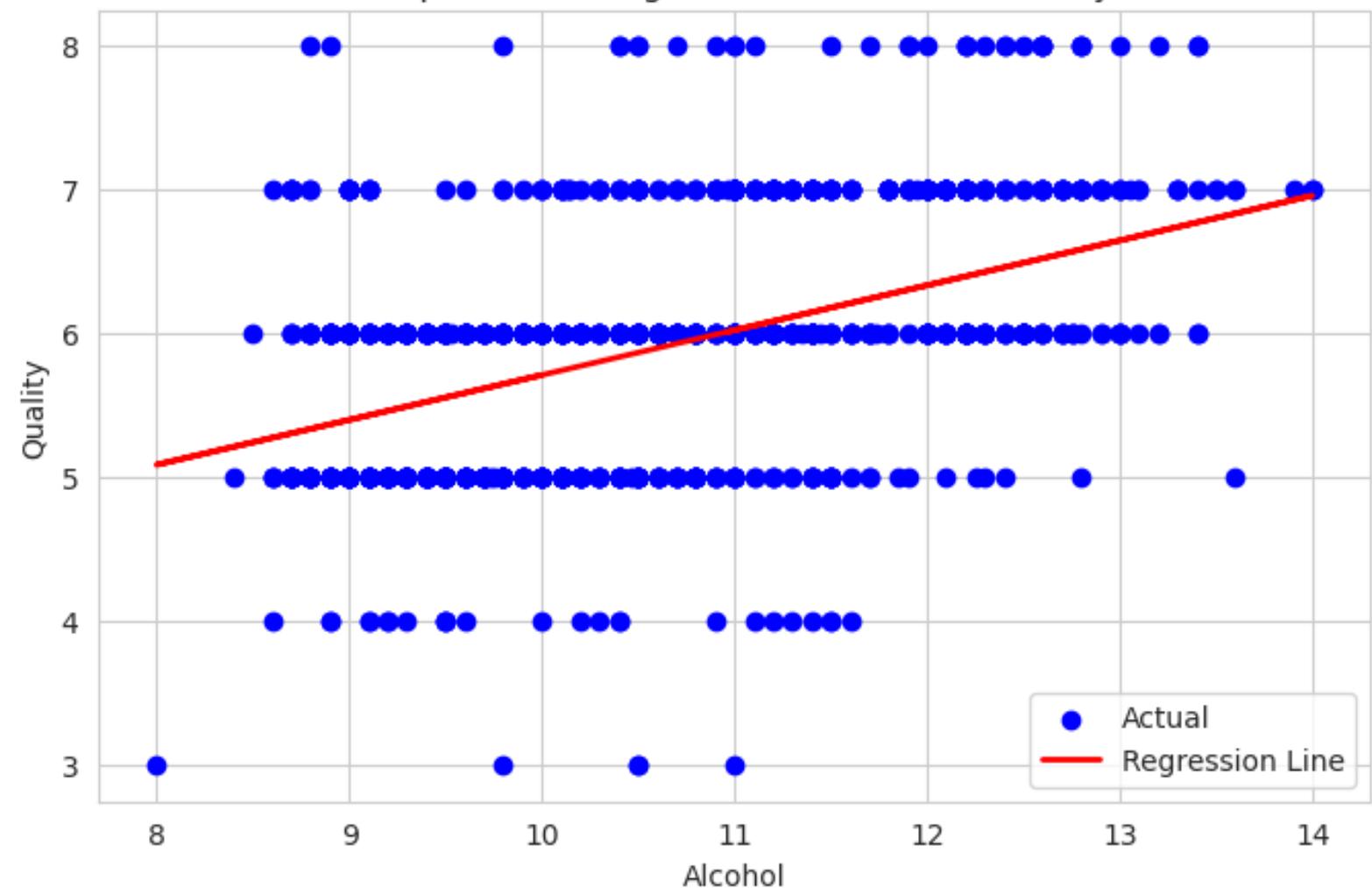
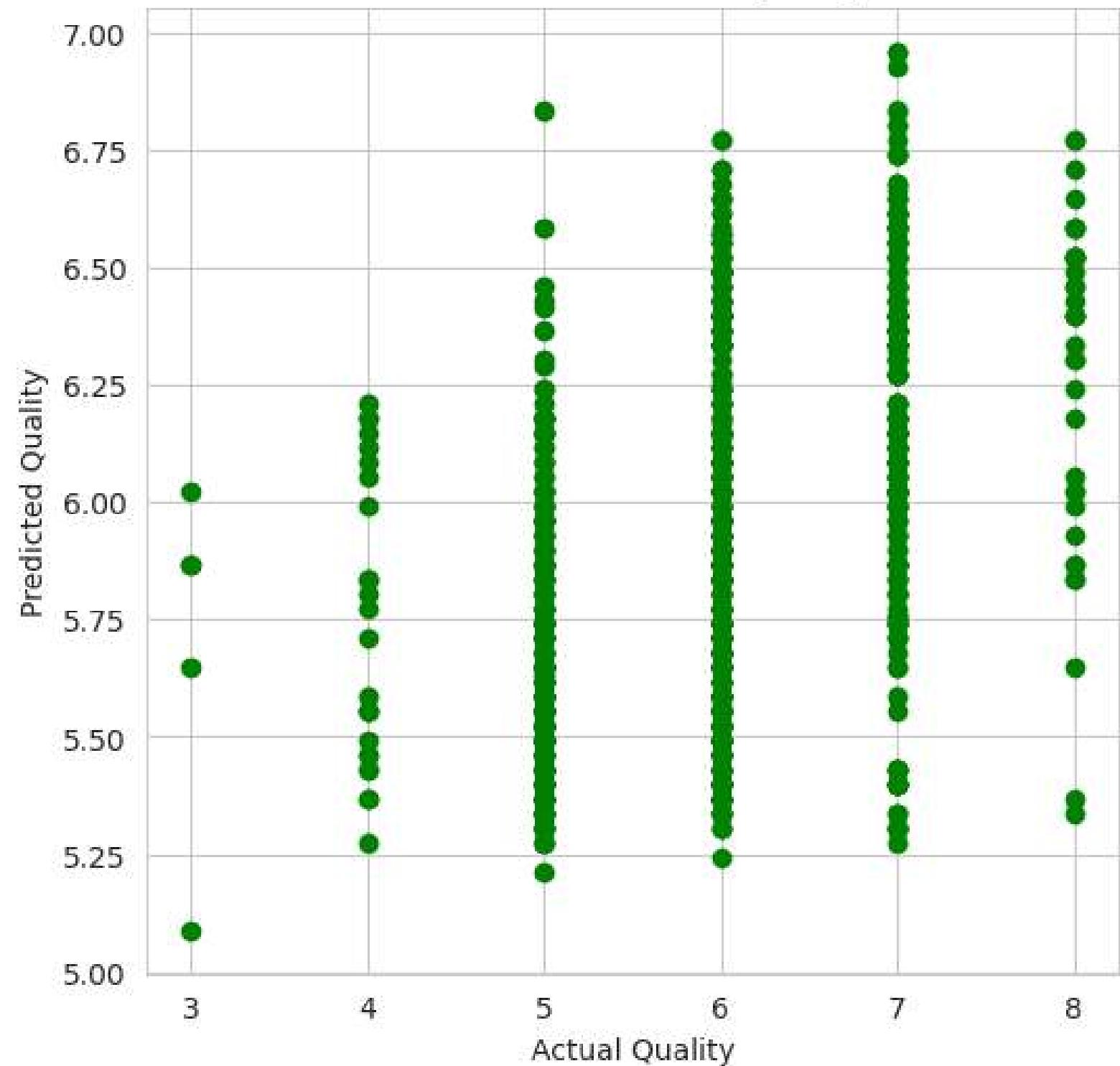


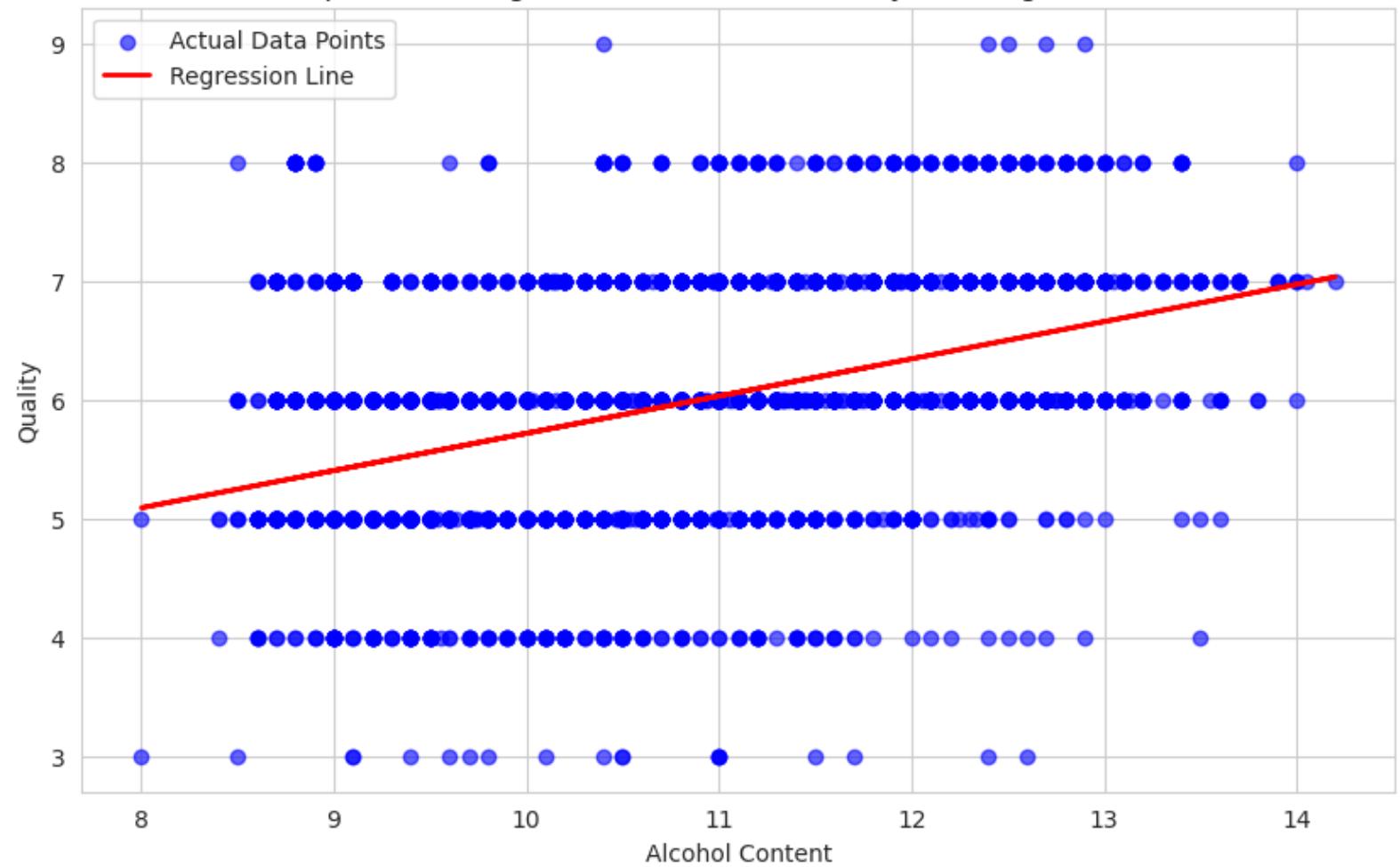
Simple Linear Regression: Alcohol vs Quality



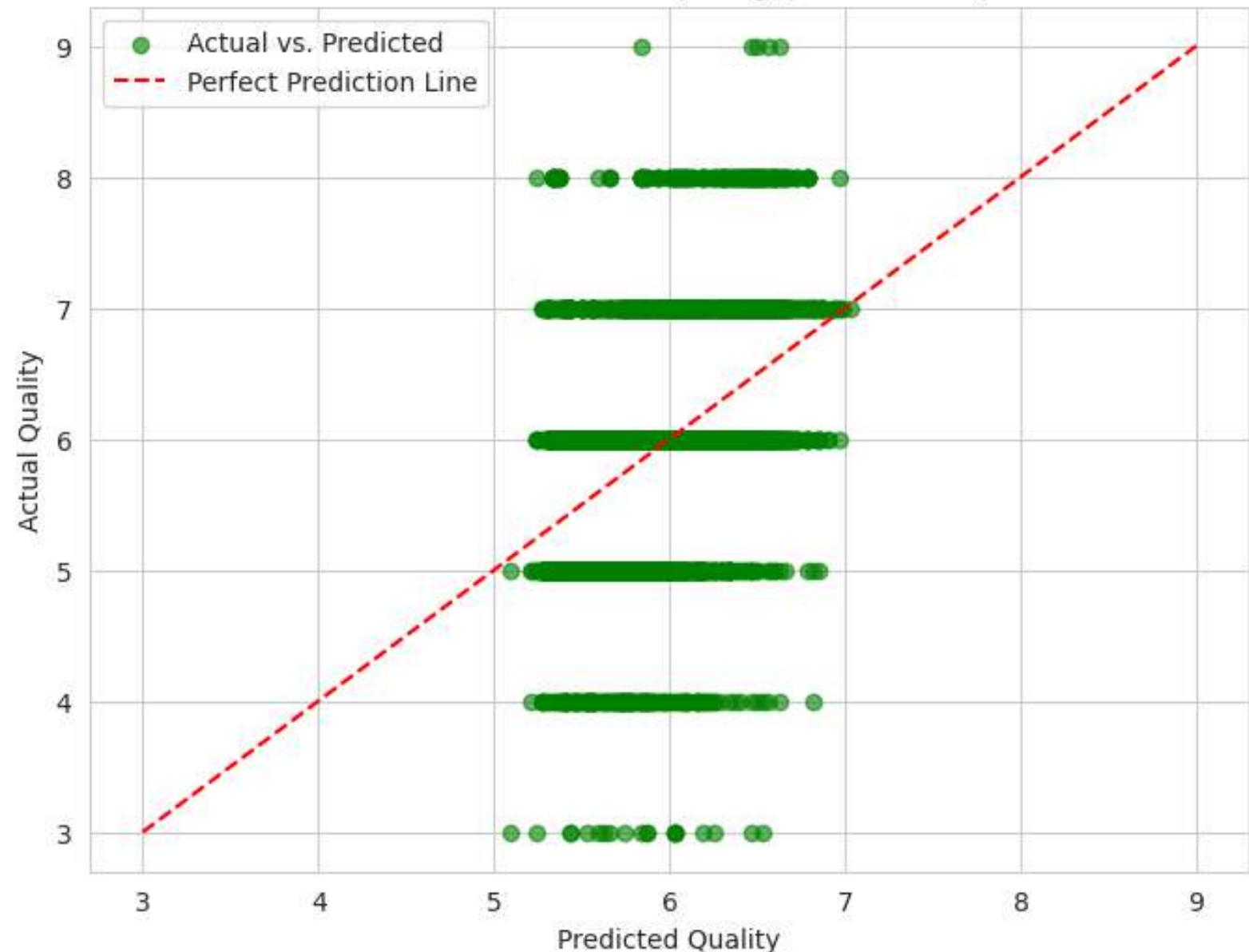
Actual vs Predicted Quality



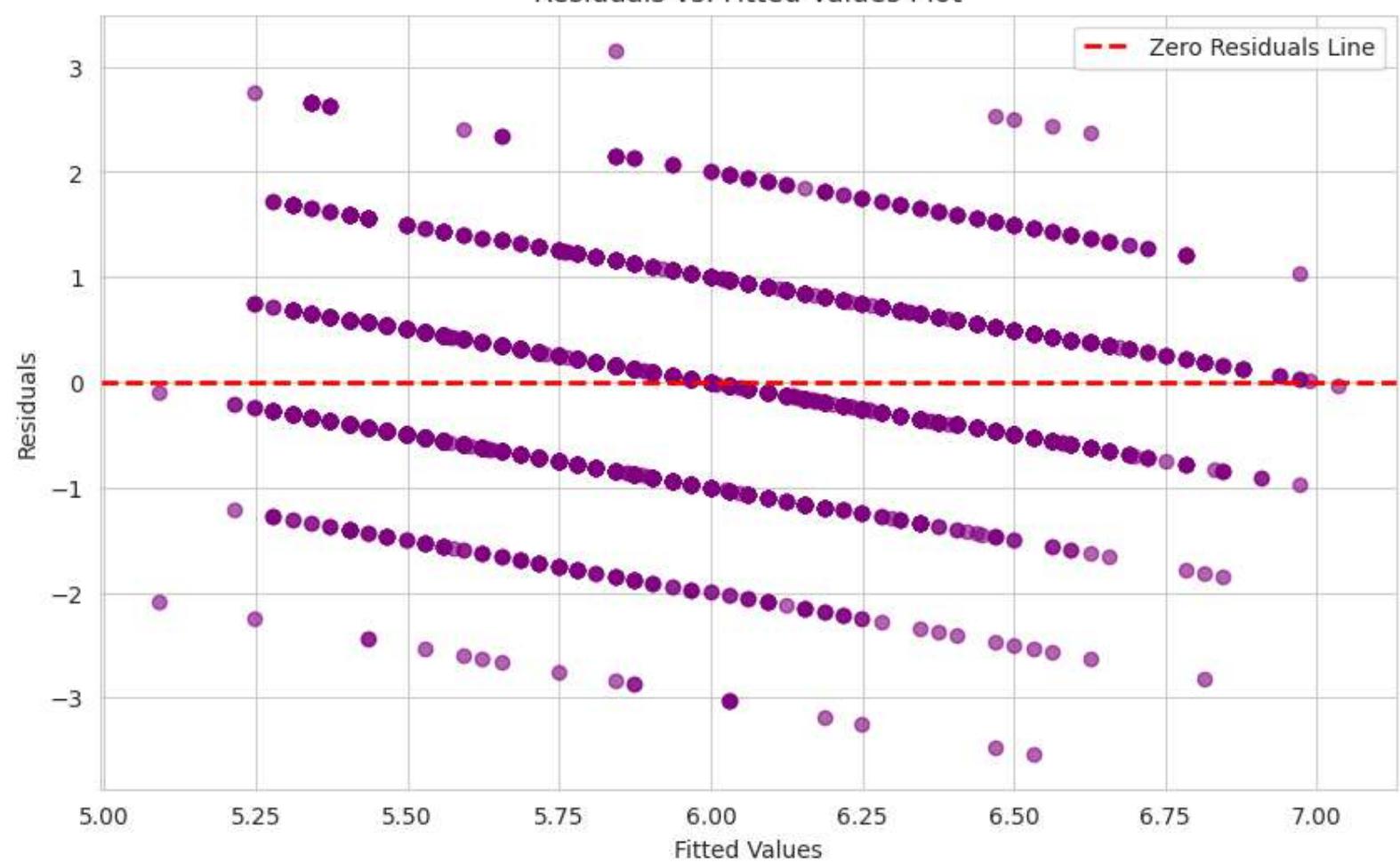
Simple Linear Regression: Alcohol vs. Quality with Regression Line



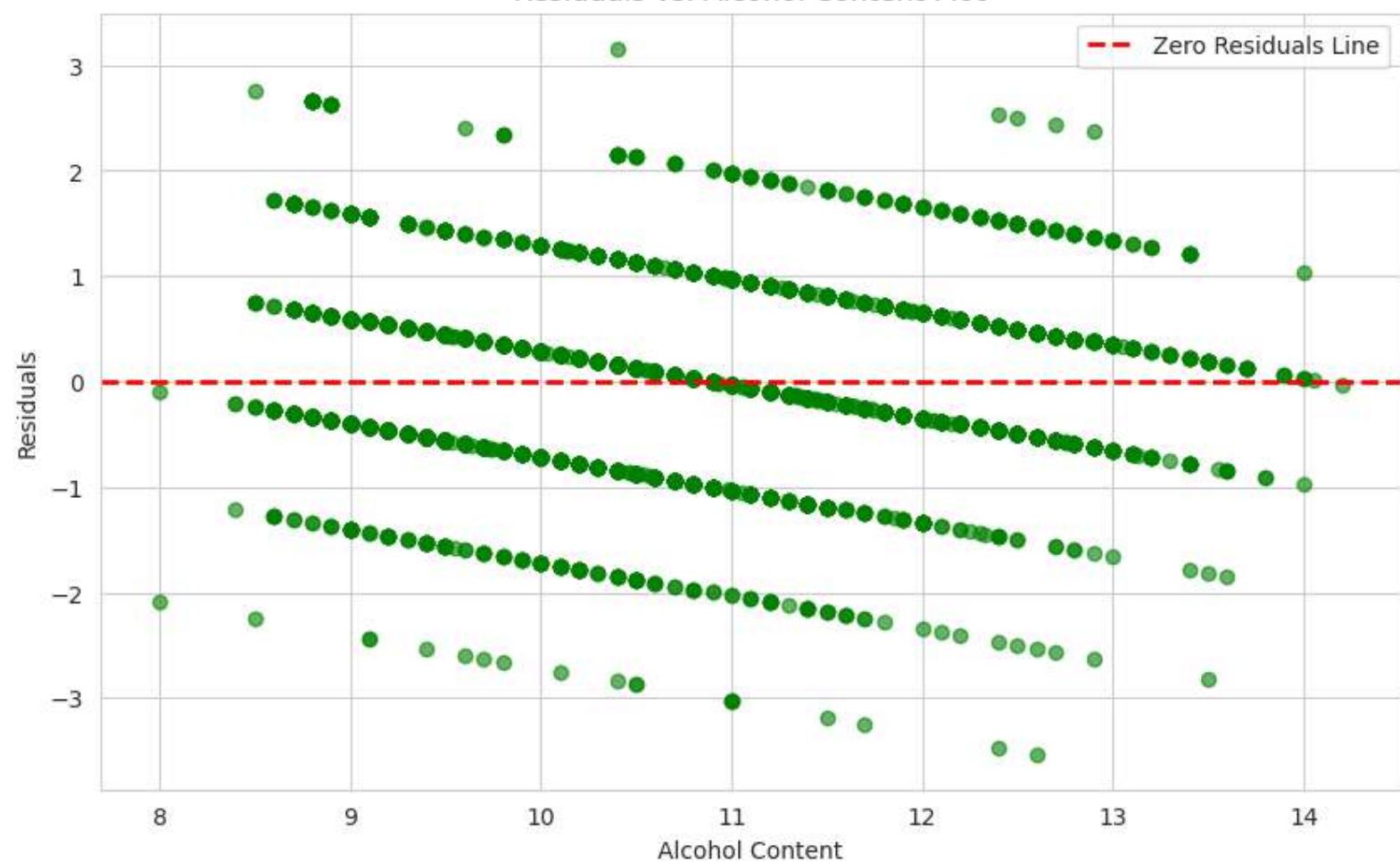
Actual vs. Predicted Quality (Full Dataset)



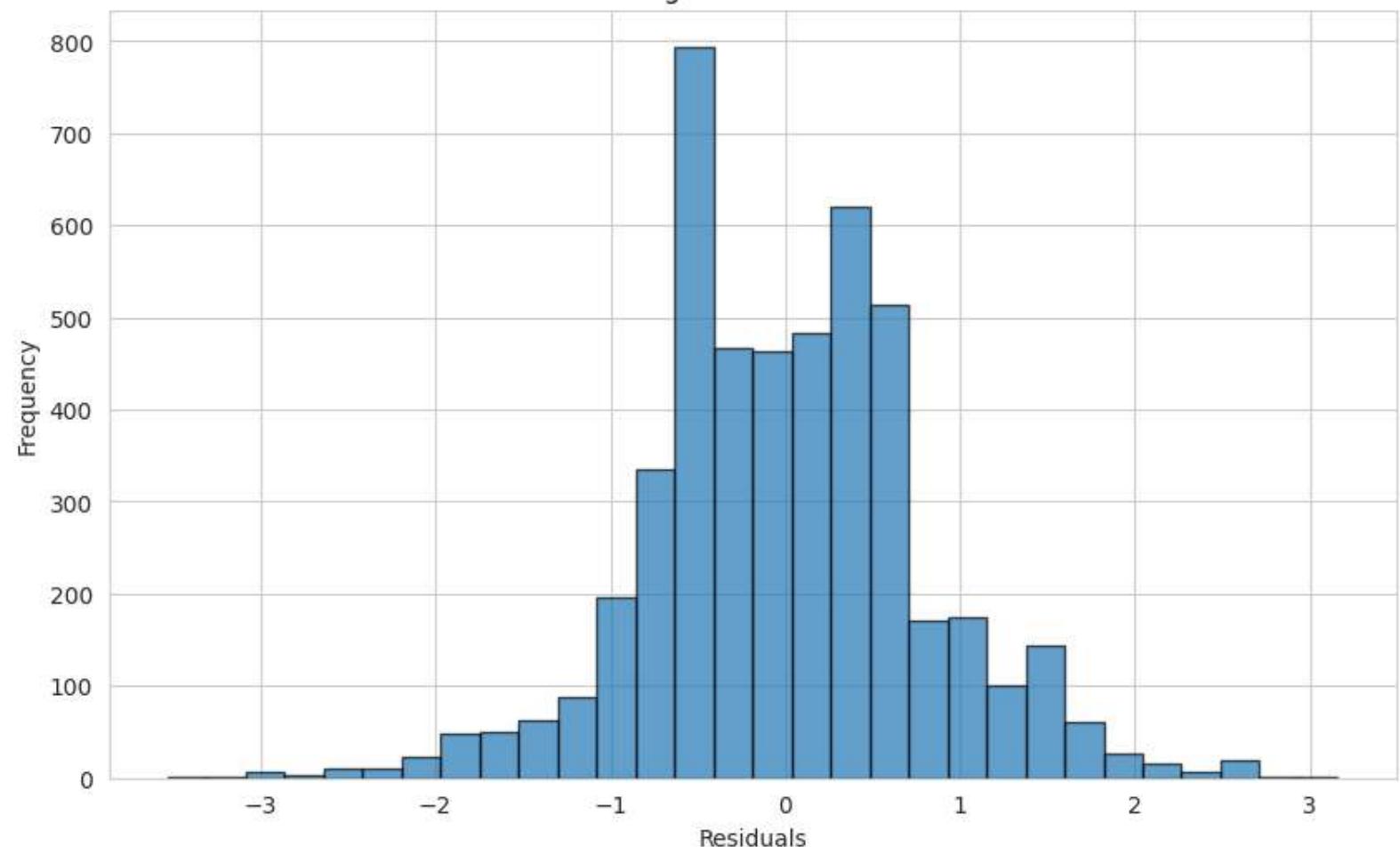
Residuals vs. Fitted Values Plot



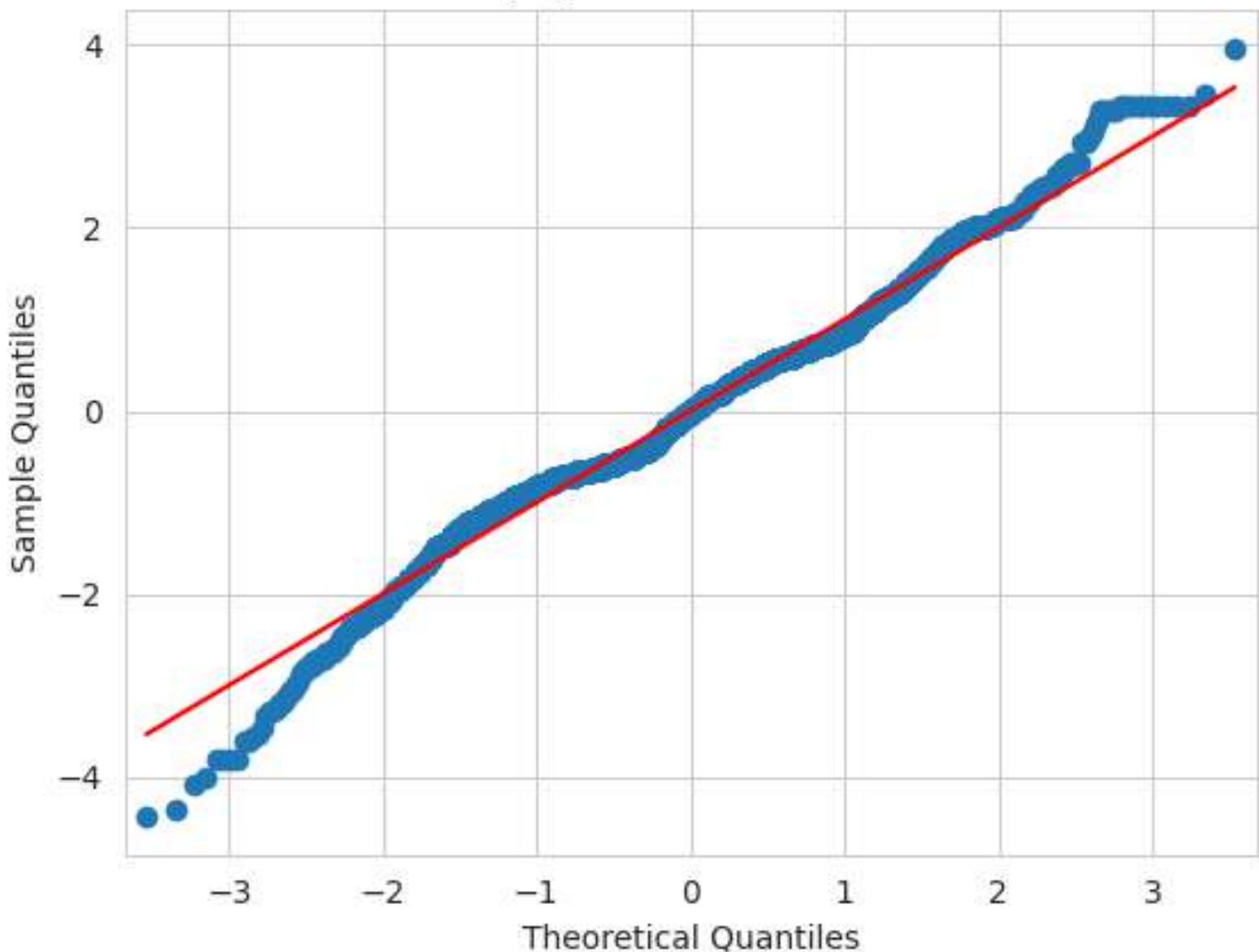
Residuals vs. Alcohol Content Plot



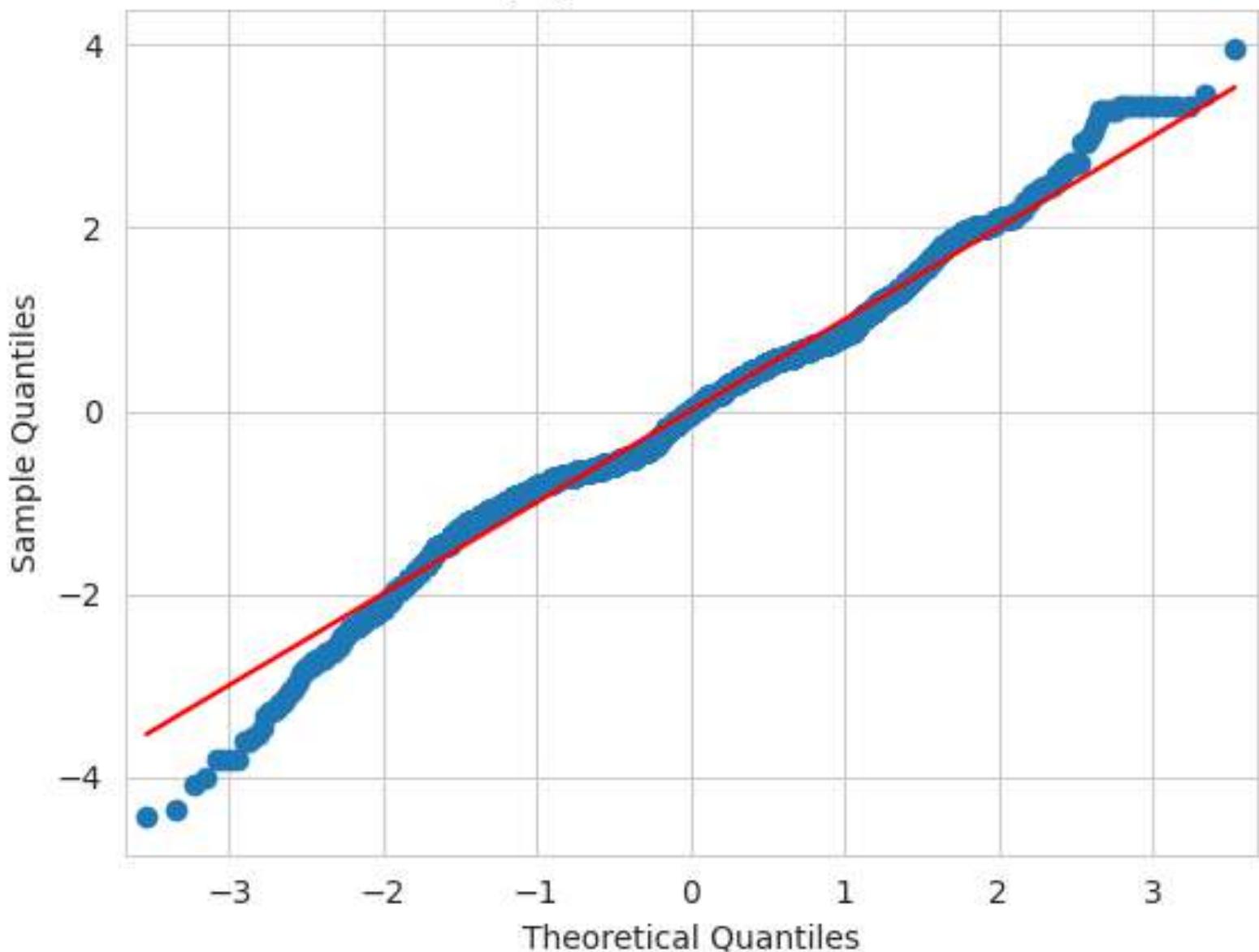
Histogram of Residuals



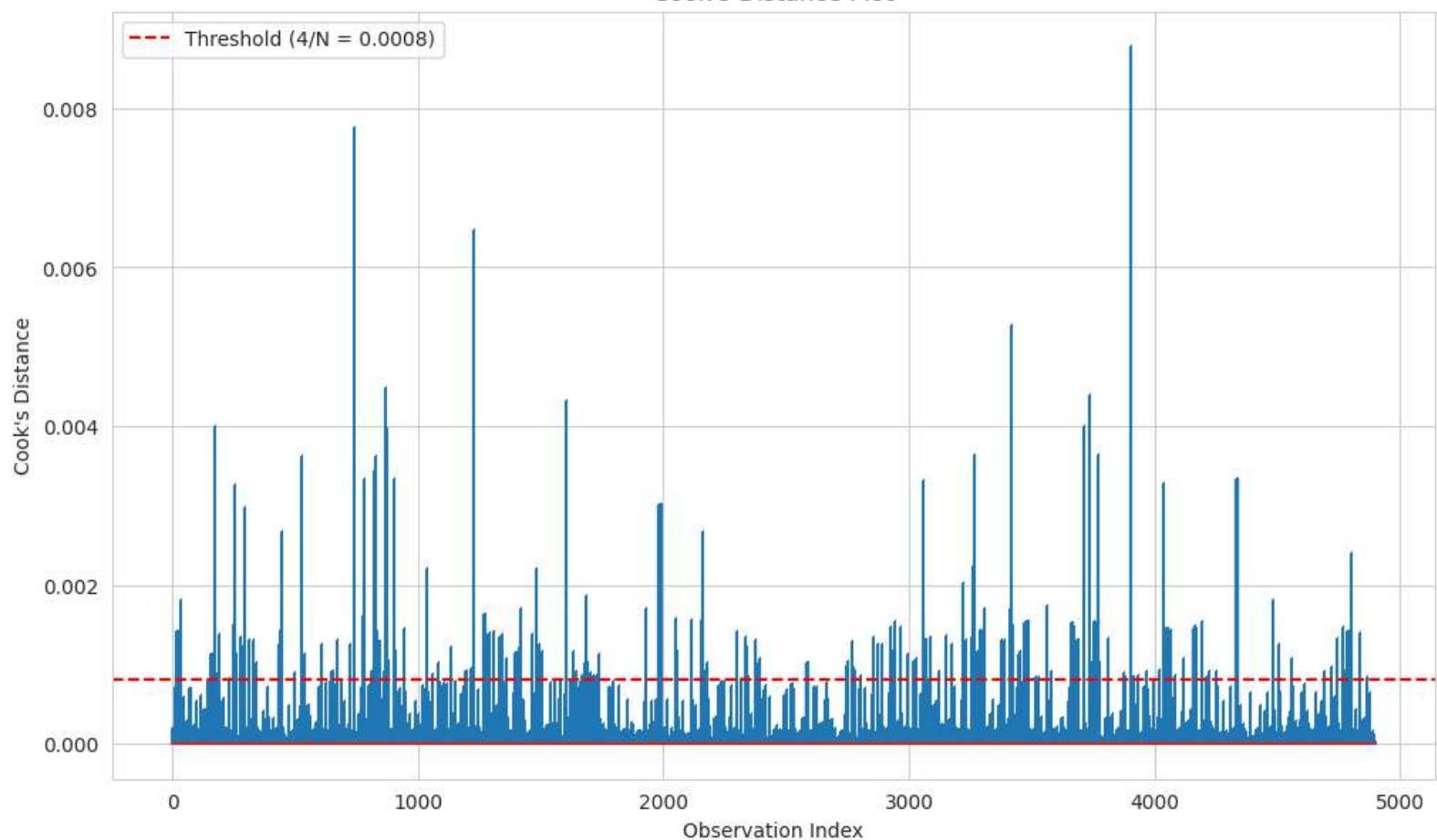
Q-Q Plot of Residuals



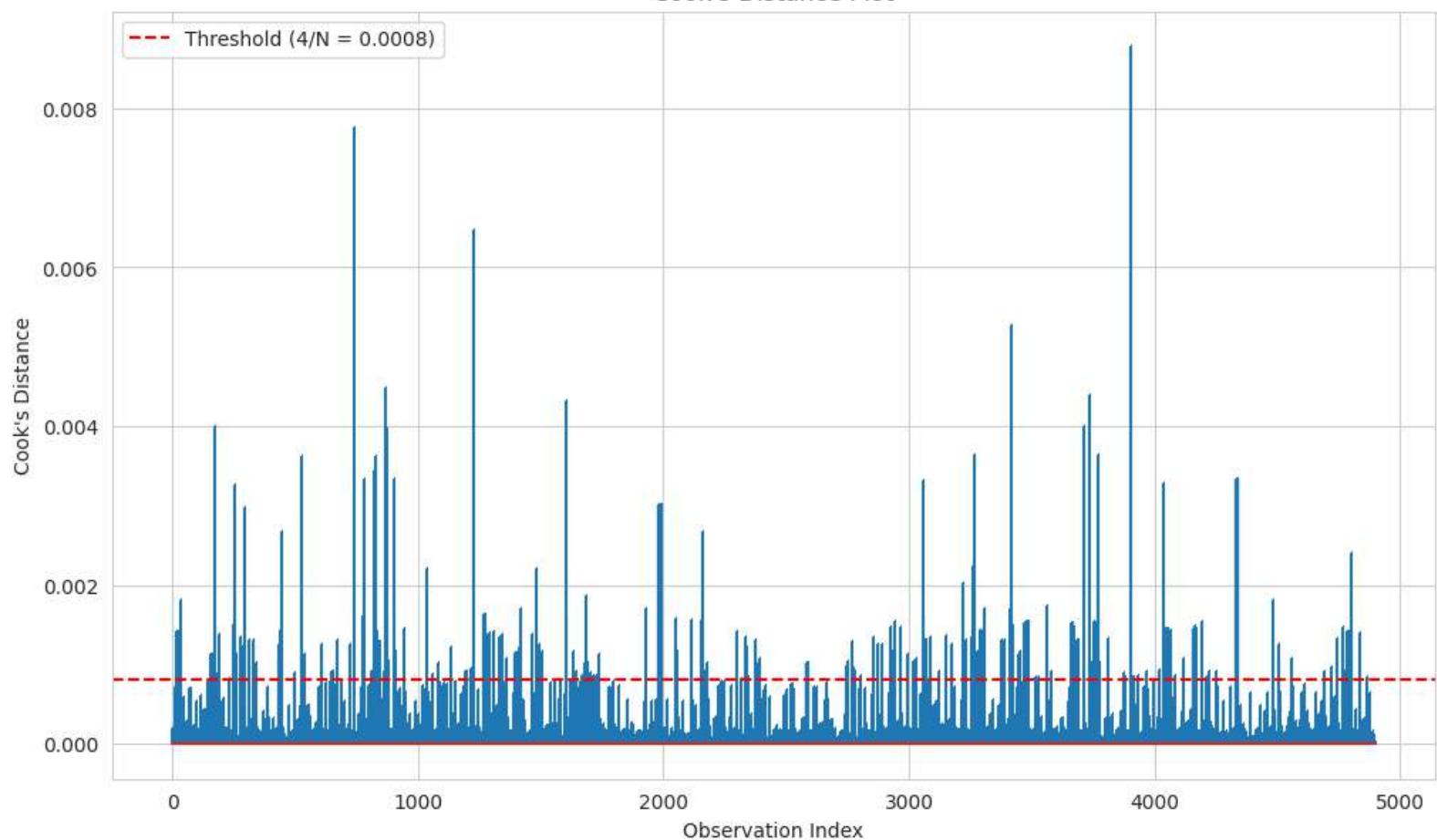
Q-Q Plot of Residuals



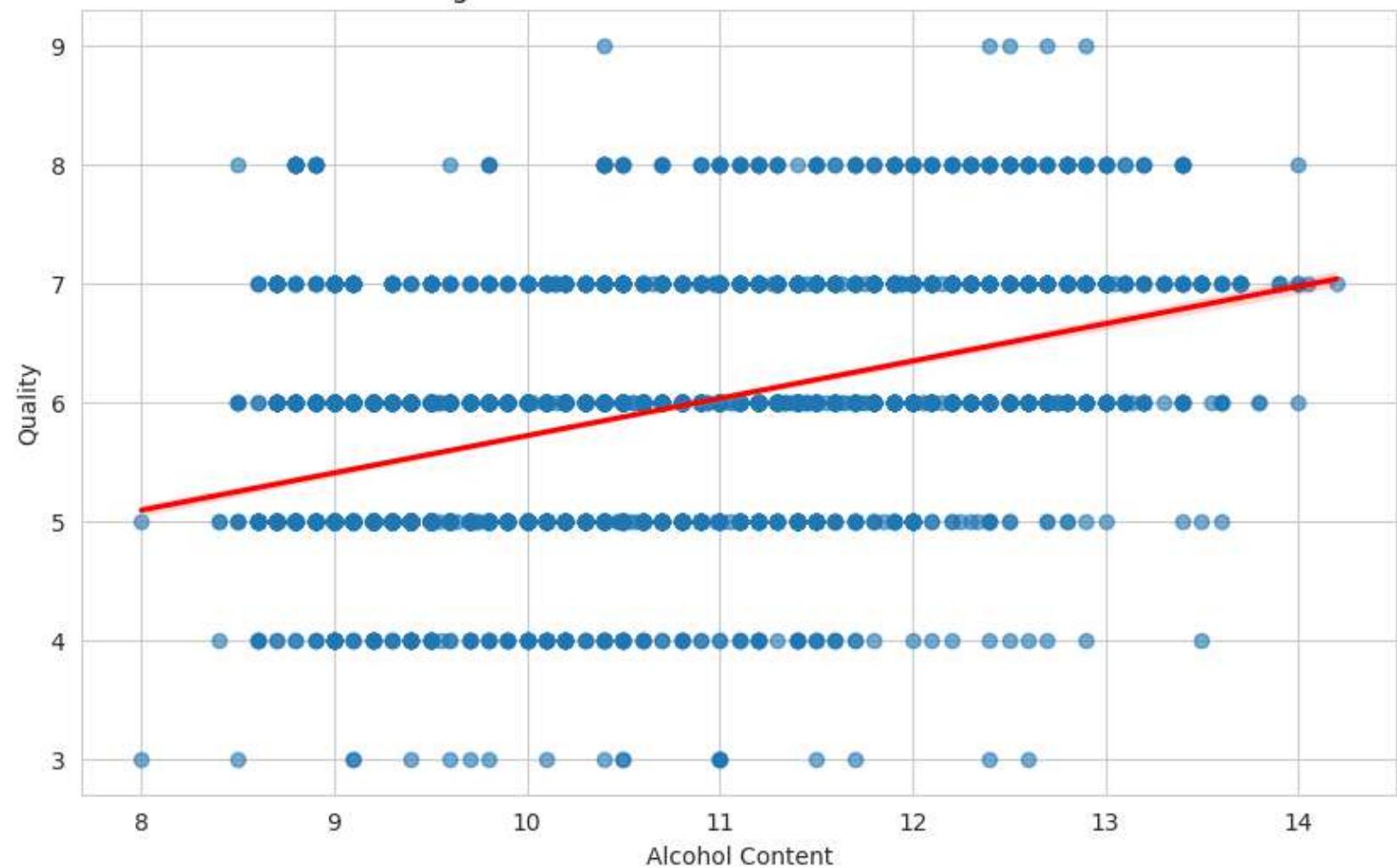
Cook's Distance Plot



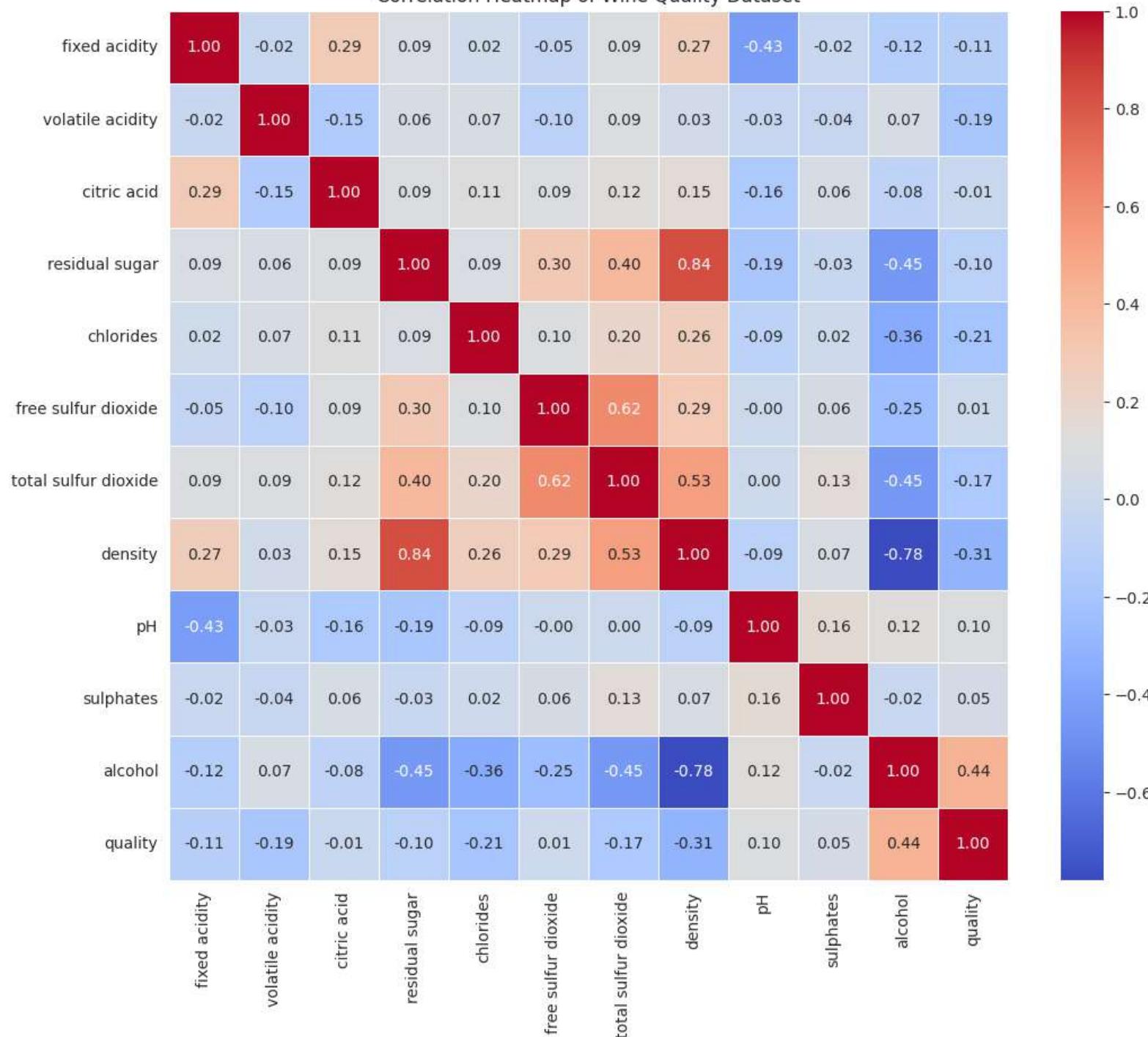
Cook's Distance Plot



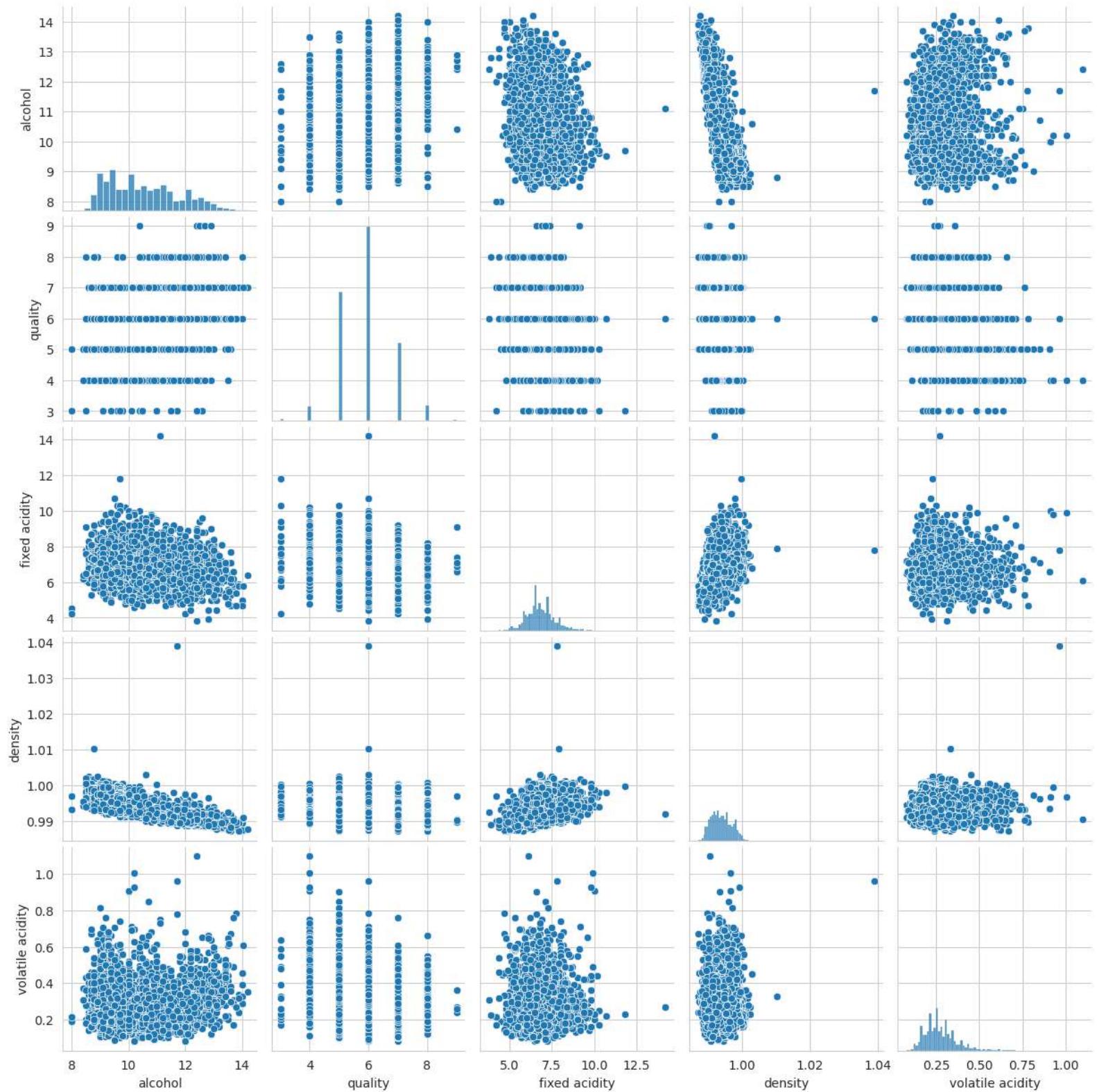
Regression Line with 95% Confidence Interval



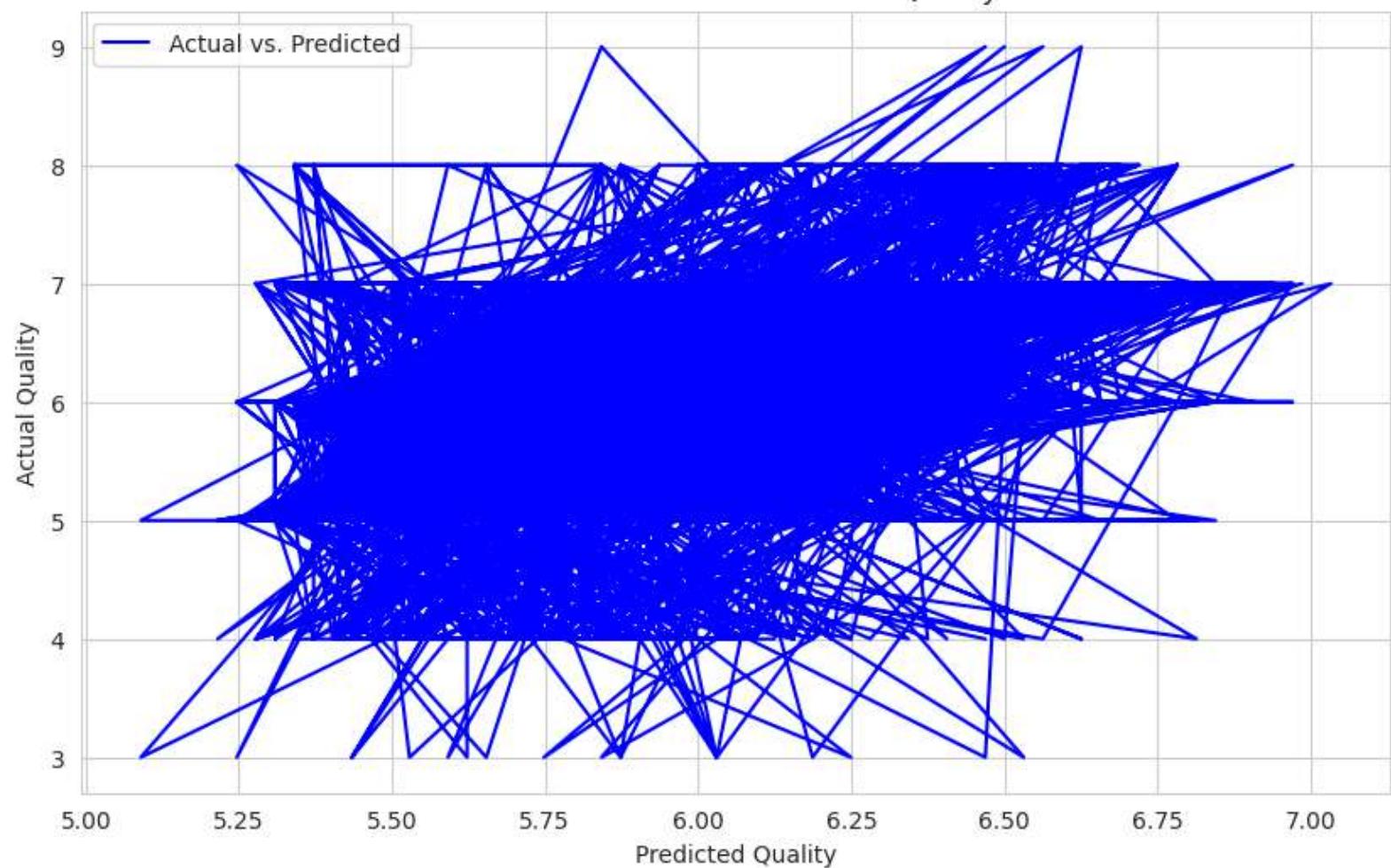
Correlation Heatmap of Wine Quality Dataset



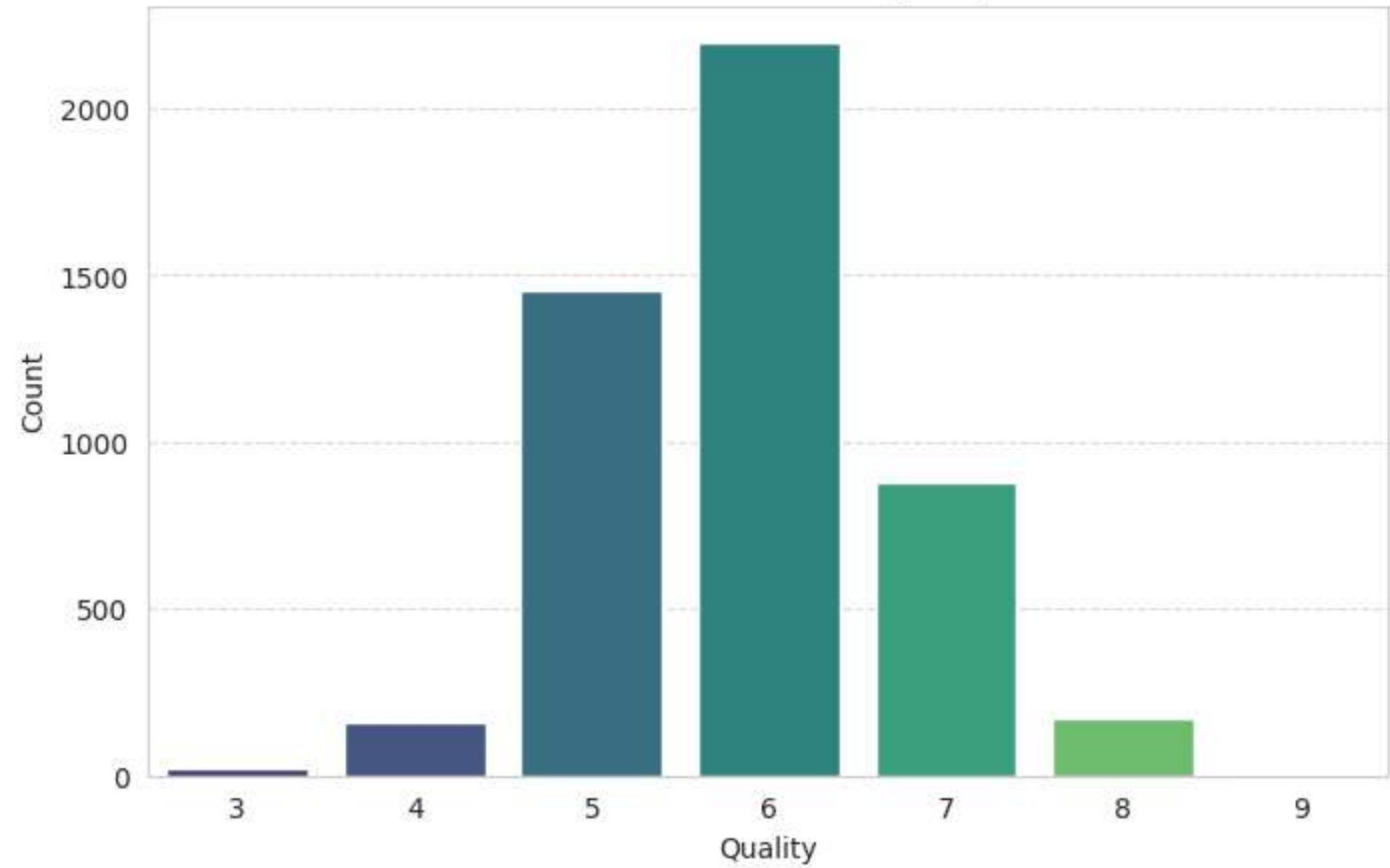
Pairplot of Selected Features with Alcohol and Quality



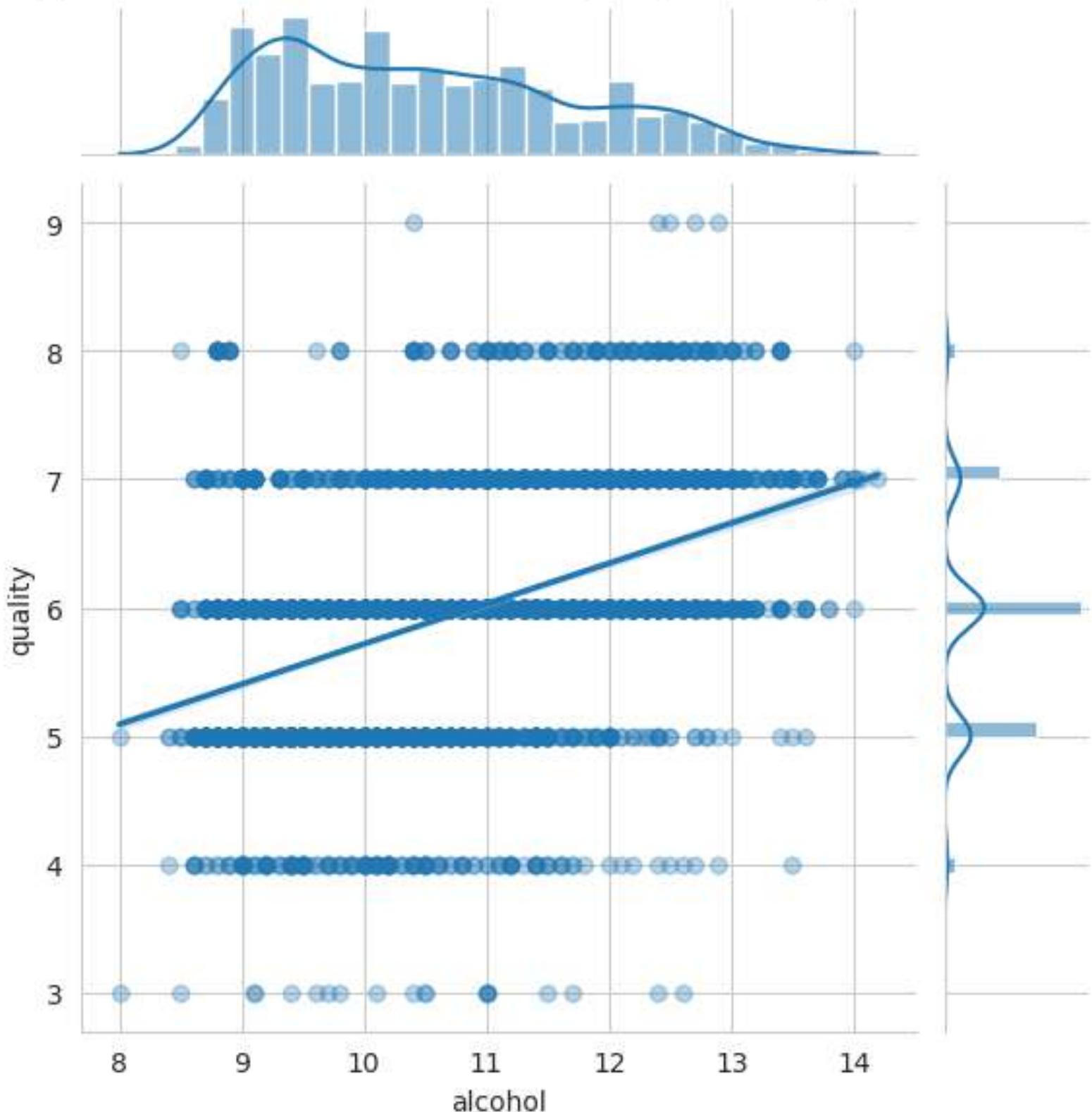
Line Plot: Actual vs. Predicted Quality



Distribution of Wine Quality



Joint Distribution of Alcohol and Quality with Regression Line



Distribution of Quality by Rounded Alcohol Content

