

Data set: Red Wine quality

Hypothesis: The quality of a red wine would have to do with the alcohol.

Null Hypothesis: The quality of red wine being good doesn't have to do with alcohol.

- The heat map shows that Alcohol is positively correlated with the quality of the red wine
- With the displot we can see that alcohol distribution is positively skewed with the quality of the red wine.
- Lastly in the boxplot show that the higher the alcohol level the higher in quality the wine is

Alcohol

Mean: 10.422983

Std:1.065668 Positively skewed

Min:8.400000

25%:9.500000

50%:10.200000

75%:11.100000

Max:14.900000

- This shows that the mean is in the 50 percentile for alcohol

Quality

Mean: 5.636023

Std:0.807569 positively skewed

Min: 3.000000

25%: 5.000000

50%:6.000000

75%:6.000000

Max: 8.000000

- This shows that the mean is in the 25 percentile for quality.