

Project 4 – Machine Learning

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Topic:

- Does the quality of wine change based on the chemical properties?
- Does a wine's bottle label appeal indicate the quality of the wine?

Data:

<https://data.world/nrippner/winequality/workspace/file?filename=wine.csv>

Tools:

- Python
- SQL Database

Data cleaning:

- Dropping all nulls
- Standard scalar

Models:

- Random forest classifier - multiclass

Visualizations:

- Correlation matrix
- Feature importance