

Project 4 - Project Proposal

Project Title: Wine Analysis

Team Members: AJ Domingo, Samuel Heaton, Alice Johnson, Jananee Arjunan, Mia Tsivitse, William Julius

Problem Statement:

Our target variable will be price. We believe this analysis could be used to determine wine recommendations for a consumer analyzing a combination of factors such as top ratings, origin location and price. This data could also be used for investments/marketing purposes, such as recommending the best wineries based on ideal weather conditions.

Scope of Project:

We are looking to analyze wine data based on factors such as:

- Country of origin
- Wine description
- WineEnthusiast Point Ratings
- Wine Price
- Wine Vineyard
- Wine Province
- Wine Region

Some questions we are looking to answer include:

- Which country of origin has the highest rating?
- What country of origin has the lowest rating?
- What is the highest average rating by price?
- Which country of origin produces the most wine?
- What is the average wine price by country of origin?
- What are the highest producing Vineyards by country?

Data Used:

- [Wine Reviews | Kaggle](#)
- [Google Maps Platform](#)
- [Visual Crossing Weather Data API](#)

Format:

Tensor Flow & Python Script