



WINE GUIDE

CSE 161
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MOTIVATION/ DESCRIPTION OF OVERALL PROJECT

- The **initial motivation** for this project comes from the anecdote by professor Pang. Professor Pang drank wine with his professor at the time and he thought it was a wine that was not special, but it turns out the wine costs \$200 which surprised him. His anecdote motivated our team to create a website that visualizes the useful data set of components that determine the points/ price of wine.
- The **quality of wine is decided by many factors**. The factors that dictate the quality the most are **prices** and **points** by judges. However, there's no clear norm or useful website that shows visual data sets on wines that help describe the quality of the wine. To cater to this the Wine Guide website helps users visualize the data sets collected on various wines and their ratings by showing various relevant graphs to better grasp relationships between various attributes and their ratings.

WHAT WE'RE GOING TO ANALYZE

01

WINE POINTS

Visualize wine ratings
factors followed by
points

02

WINE PRICE

Visualize wine ratings
factors followed by price

03

CNN

You can describe the
topic of the section here

04

WINE CHEMICAL PROPERTIES

You can describe the
topic of the section here

TECHNOLOGY TO USE

- Wine data set from Kaggle
- Python to read csv file downloaded from Kaggle and visualize as the graph
- Python libraries: Pandas, numpy, Seaborn, Sklearn



PROGRESS CHECK

1. Work that has been done
 - a. Price
 - i. Year
 - ii. Country
 - iii. Province
 - iv. Variety
 - v. Points
 - b. Points
 - i. Year
 - ii. Country
 - iii. Province
 - iv. Variety
2. Remaining work
 - a. Organize graphs
 - b. Make graphs for wine chemicals
 - c. Machine Learning analysis
 - d. Build website to host project





