Project :

1. In SQL, database wine\_db is created. Table wine\_collection is created and to receive data from wine\_inventory.ipynb.
2. Webscraping of website Cellar Tracker of our wine supplier to get all California red wine. Info converted to a dataframe and write out to an SQL table. (done by wine\_inventory.ipynb) - Found to be a robot while webscraping and only got 367 different kind of California red wine.
3. Webscraping of wine searcher web site by passing wine from SQL table wine\_collection. This is to retrieve the rating. Not every wine has a rating. (done by wine\_ranking.ipynb).
4. APP.PY is created to show the table of the top CA red wine in an HTML file. And APP.PY when refreshed shows the bar chart of the how many bottles of CA reds are in stock.
5. On a separate jupyter notebook restocking\_wine.ipynb, it allows input of number of bottles delivered to the restaurant. And this updates the SQL table top\_20\_winine In SQL, database wine\_db is created. Table wine\_collection is created and to receive data from wine\_inventory.ipynb.
6. The number of bottles can be shown in a graph on APP.PY when refreshed.