

EECS 731

Project 01

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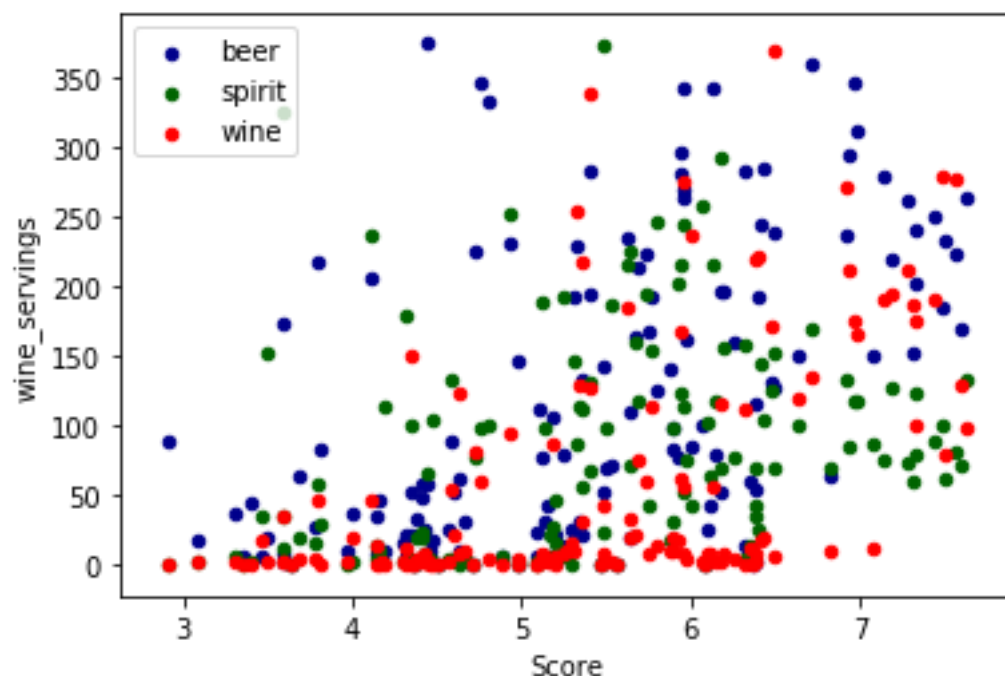
Github repo: [rchen8023/EECS_731-Project_1](https://github.com/rchen8023/EECS_731-Project_1)

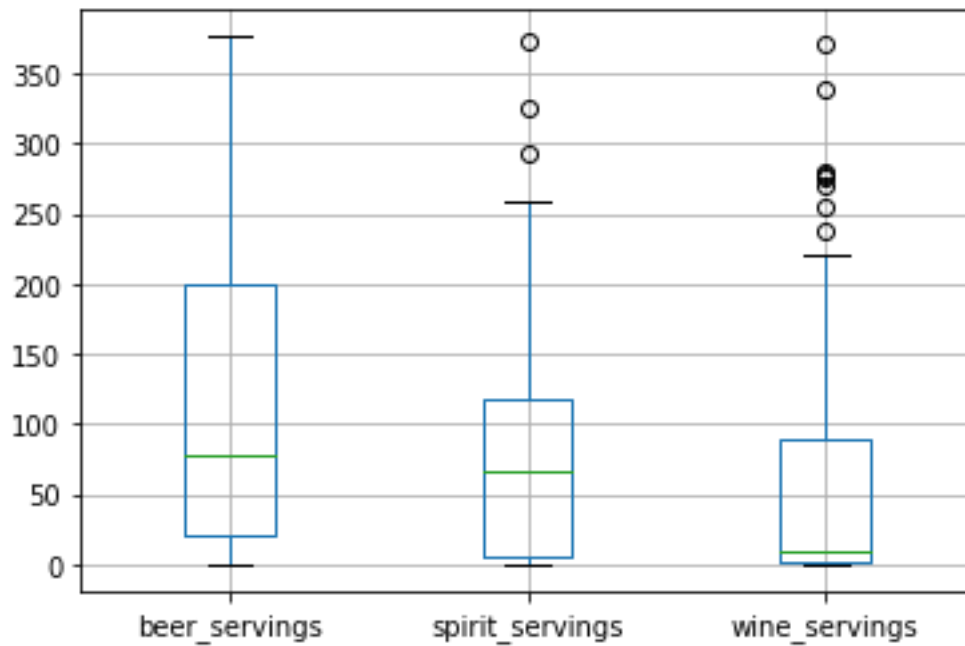
In this project, I selected two datasets, “World Happiness in 2018 (*2018.csv*)” and “Alcohol Consumptions (*drinks.csv*)”. These two datasets, contains the same countries, so that I can explore the relationship between happiness and different alcohol consumptions in the world. And the Happiness datasets also contains GDP of each country, so I can get how the economy effects happiness, and how economy and alcohol consumptions effect each other.

After upload two datasets, I resorted and renamed the happiness datasets. Since those two datasets are numerical and very clean, so I did not have to do additional process on the datasets. Then I merged the two datasets by same country.

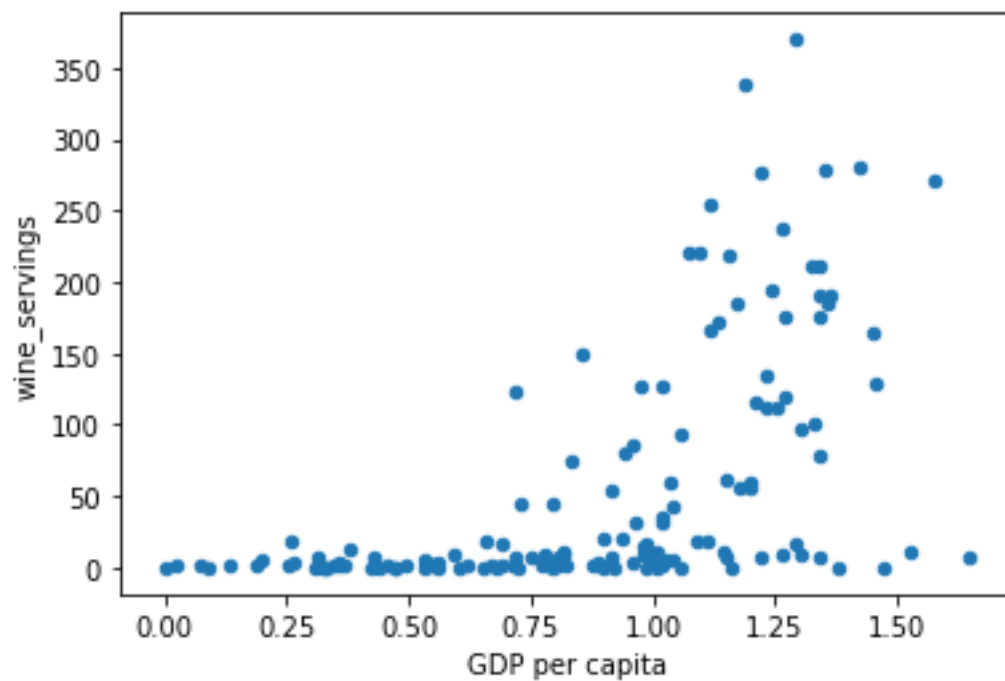
To explore the data, I did scatter plot with happiness score and different type of alcohol, the plot shows below:

From the plot we can see the on the top right corner, where the happiness score is high, it will have more beer serving. So I can conclude that people in the world are more like beer. And it is proved on the second plot where shows beer consumption is much higher than other alcohol consumption.





Then I did scatter plot with GDP and different alcohol, the plot of wine consumption shows that most country with high GDP will serve more wines, which may also means the people who drink wines are rich people.



I also did the scatter plot with GDP and happiness score, and it shows that people will get more happiness if their country have good economy.

