Summarize where & how you found your data for this project.

Googled world prison population:

<http://news.bbc.co.uk/2/shared/spl/hi/uk/06/prisons/html/nn2page1.stm>

<http://www.prisonstudies.org/highest-to-lowest/prison-population-total>

https://www.ssb.no/en

<https://dataunodc.un.org/crime/total-prison-population>

Describe the data exploration and cleanup process (accompanied by your Jupyter Notebook)

Settled on the United Nations dataset because the data is from 2003-2016. The others were data collected only for current year.

Downloaded the csv file. Had to convert data from string to numbers. Had to read in Latin for unique symbols.

Noticed country name for is United States or United States of America.

Cleaned prison dataset by dropping columns from 2003-2016 for prison count/rate.

Cleaned Happy dataset. Only use Happiness score, Freedom and Government trust for analysis.

Describe the analysis process (accompanied by your Jupyter Notebook)

* Average prison rate is per 100,000 population
* Calculated the average prison count for each country and compare to happiness index.
* Calculated the average prison rate for each country and compare to happiness index.
* Used a scatterplot to compare the prison rate average to the happiness score, freedom to live and government trust. Bubble size correlates with average prison rate per country
* Summarize your conclusions. This should include a numerical summary (i.e., what data did your analysis yield), as well as visualizations of that summary (plots of the final analysis data)
* Bar chart shows which country has the happiest prisons and least happiest prisons.

Discuss the implications of your findings. This is where you get to have an open-ended discussion about what your findings "mean".

- prison rate doesn’t correlate with the happiness index with scatterplot