Lists of comparison ideas, graph ideas, and general structure for the project.

* **Structure**

1. We begin by making some generalizations such as showing most recent (2019) data of the top 10 and bottom 10 happiest countries/regions.
2. We then make a comprehensive dataframe that is the averages of all 5 year reports to have a generalized idea of the data (named overall\_ranking).
3. From the overall\_ranking, we will again make top 10 and bottom 10 based on the averaged scores, this time saving all variables of the 10s into new cvs files for future analysis.
4. Make graphs using these averages to find common factors relating to happiness.

* **Data Creation Ideas**

We may want to normalize all the year cvs files to have like-named variables where possible to make comparison and retrieval easier.

* **Graph Comparison Ideas**

Line graph comparing happiness versus welfare over each place in the top/bottom 10.

Line graph comparing happiness versus health over each place in the top/bottom 10.

Line graph comparing happiness versus gdp over each place in the top/bottom 10.

Line graph comparing happiness versus perception of corruption/trust in government over each place in the top/bottom 10.

Boxplot of variables within the top/bottom 10 to look for any outliers.