Group Members: Andrew Miller, Valerie Pippenger, Damiso Hutchinson, Caroline Larry, Diana Kennen

Topic: Summer Olympics

Data Sets:

* <https://www.kaggle.com/divyansh22/summer-olympics-medals> (CSV)
* <https://ourworldindata.org/grapher/gross-domestic-product> (CSV)
* <https://olympicsapi.docs.apiary.io/#reference> (API)\*maybe

Combining and Cleaning: Diana

Possible Research Questions

1. Demographics
   1. How many total medals has each country earned? Over time? Damiso
   2. How many medals has each gender won over time? Damiso
   3. How many different sports have awarded medals over time? Valerie
   4. Which countries tend to win at what sports? Andrew
   5. Does a country’s GDP change after hosting the Olympics? Andrew
2. Correlations
   * 1. How does country GDP correlate with the number of medals? Caroline

Do a regression analysis for this (Caroline)

Hypothesis:

There is a positive correlation between a country’s GDP and the total number of medals its athletes have received.

PowerPoint:

* Each submit slides
* Compile on Thursday
* Meet Sat before class to rehearse