**Project Title:** How does government expenditure on education effect measures of prosperity?

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**Hypothesis:** The more the government spends on education the greater the measures of prosperity.

**Project Outline:**

The project will compare across countries the measures of prosperity. Measures of prosperity that will be look at are:

* Crime rate
* GDP/GDP per capita
* Fertility rate
* Unemployment rate
* Consumer Price Index
* Gross GDP on research and development
* Poverty rate

The analysis would attempt to relate higher government expenditure to lower crime rates, greater GDP per capita, higher fertility rate, lower unemployment, a greater CPI, and higher gross GDP and lower poverty rate.

**Datasets:**

* <https://data.un.org/>
  + SYB62\_245\_201905\_Public Expenditure on Education.csv
  + SYB62\_328\_201904\_Intentional Homicides and Other Crimes.csv
  + SYB62\_230\_201904\_GDP and GDP Per Capita.csv
  + SYB62\_329\_201904\_Labour Force and Unemployment.csv
  + SYB62\_128\_201907\_Consumer Price Index.csv
  + SYB62\_286\_201904\_GDP on R&D.csv
* <https://data.worldbank.org/>

**Breakdown of tasks:**

Danica Quero: Analysis

Jim Hernandez: Analysis

Zane Keller: Data Cleanup

Lainie Canfield: Graphing/Code Proofreading

Abraham Huertero: Analysis/Cleanup

Cameron Hassibi: Statistics