

Advanced Data Visualization

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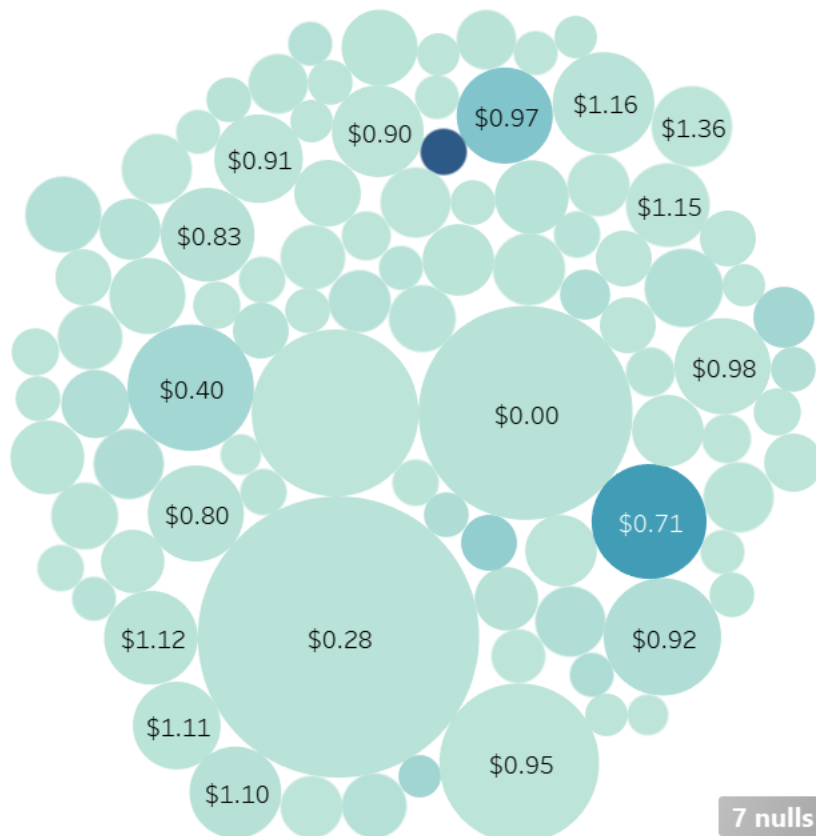
Lab ESE

Aim: To create tableau visualization to socio economic data

Dataset comprises of various field related to birth, life expectancy, education, tax, army expense, forest cover etc of all the countries.

Plot 1:

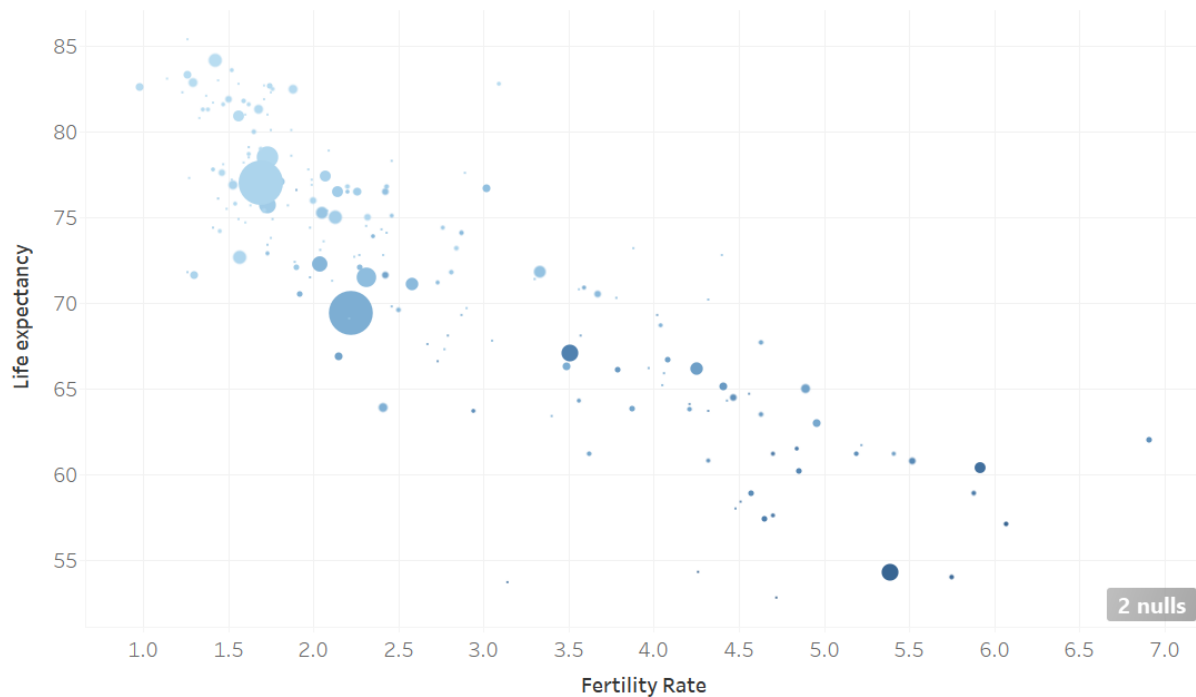
CPI vs Gas price and CO2 emmision



Cpi which is consumer price index determines the size while colour of the country indicates their CO2 emission and text displays the gas price.

Plot 2:

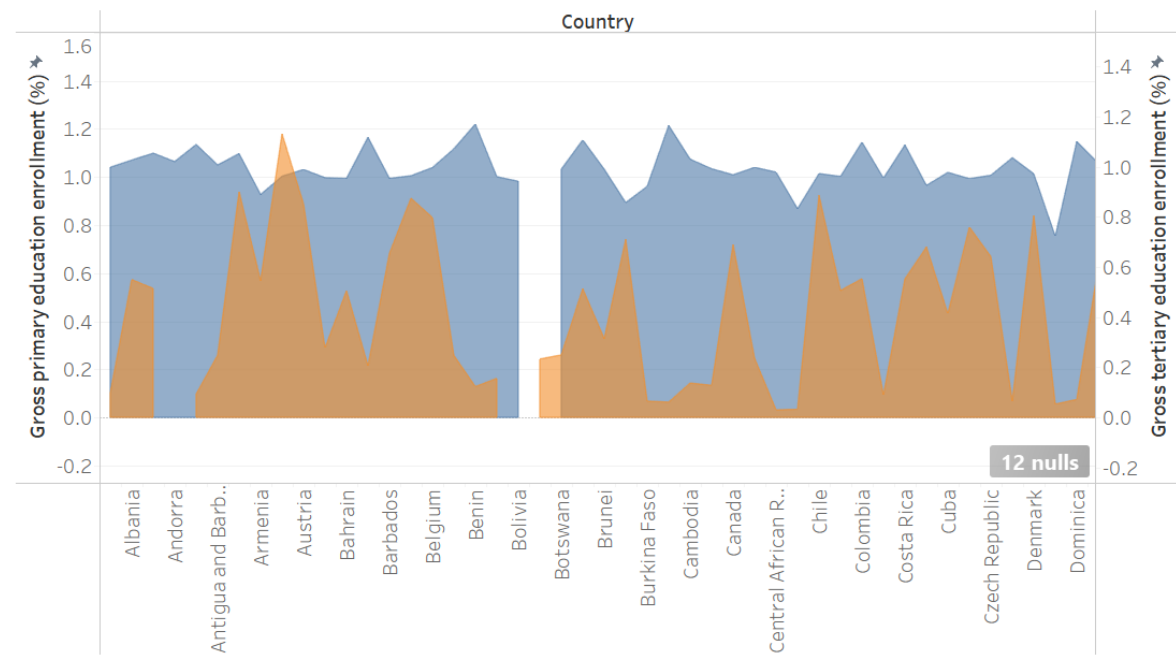
Population Life Analysis



The scatter plot is between Fertility rate and life expectancy with infant mortality determining the colour while population shows the size. This clearly shows that countries with higher life expectancy have lower infant mortality rate.

Plot 3:

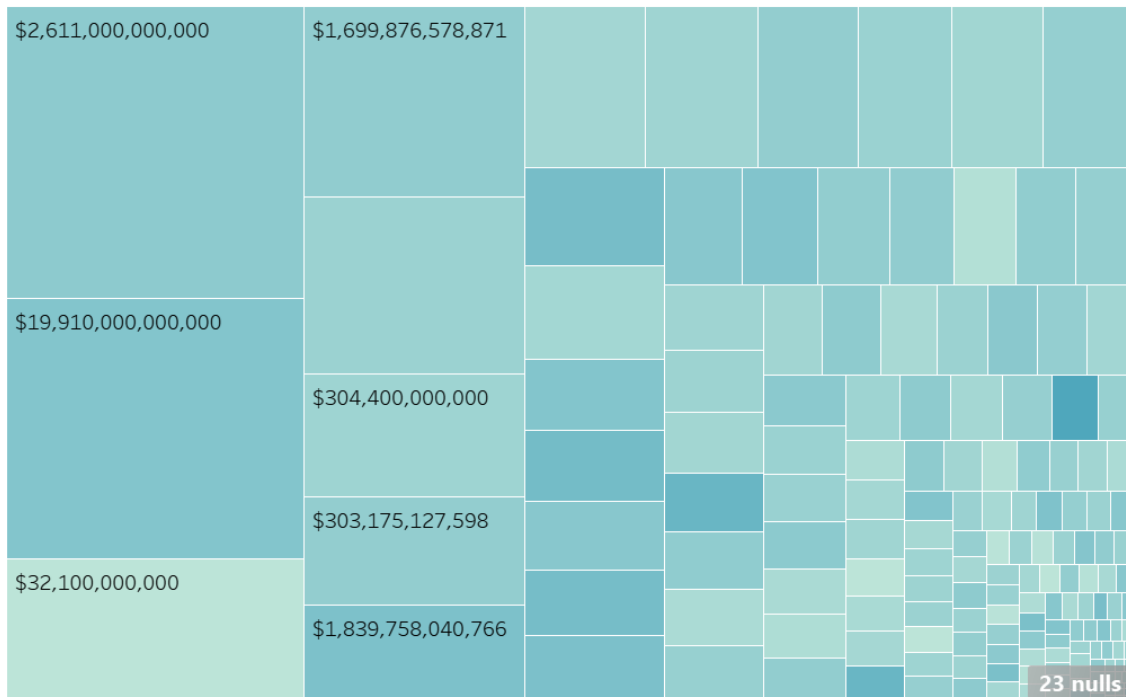
Education Pursued



This is a dual axis chart of primary and tertiary education pursued in each country and how it affects the minimum wage.

Plot 4:

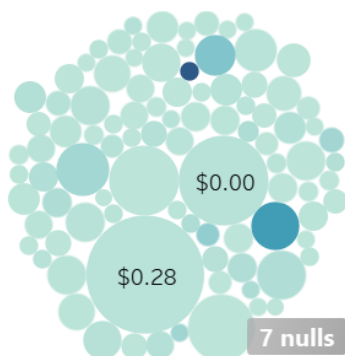
Army Expense vs Tax and GDP



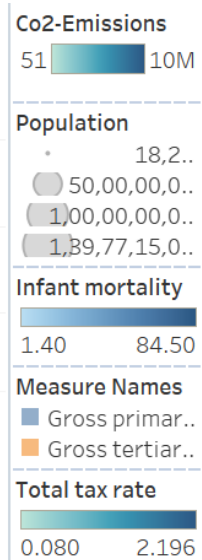
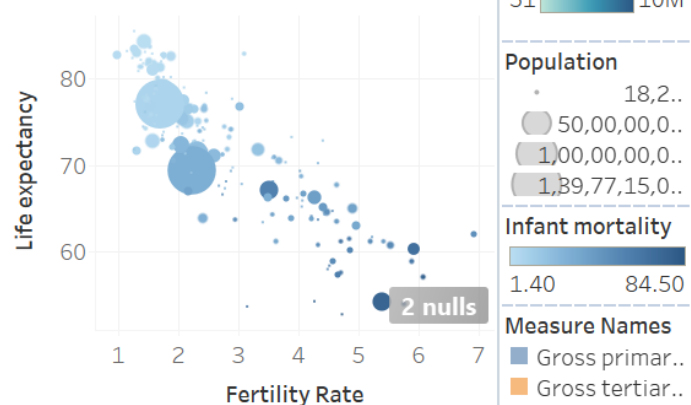
The above tree map shows the expenditure of army with respect to their GDP and tax rate which helps to see how much of the revenue collected from tax and other sources is redirected to army.

Final Dashboard:

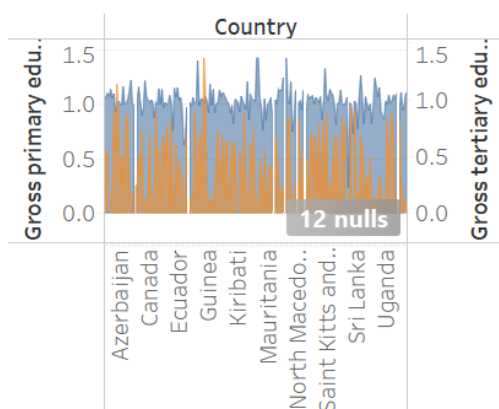
CPI vs Gas price and CO2 emission



Population Life Analysis



Education Pursued



Army Expense vs Tax and GDP

