DATA ANALYSIS & PROJECT MANAGEMENT FINAL PROJECT

Presentation 2023

NIYO Bootcamps

ABOUT ME

My name is Clementina Omo-Irefo
I have a Bachelor's degree in Library and Information Science
and a Master degree in Public and International Affairs.
I currently work as an Allocations Officer in the Housing Department of the Greenwich Council.

PROJECT TITLE

LIFE EXPECTANCY –
COMPARING SOME DEVELOPING AND DEVELOPED COUNTRIES OF THE WORLD

Objectives

Objective 01

To determine the population growth between a developing and developed country between 2000 and 2003

Objective 02

To compare the GDP of developing and developed countries to determine its impact on life expectancy from 2000 to 2003

Objective 03

Comparing adult mortality rate between developed and developing countries to determine if GDP has an impact between 2000 and 2003

INTRODUCTION

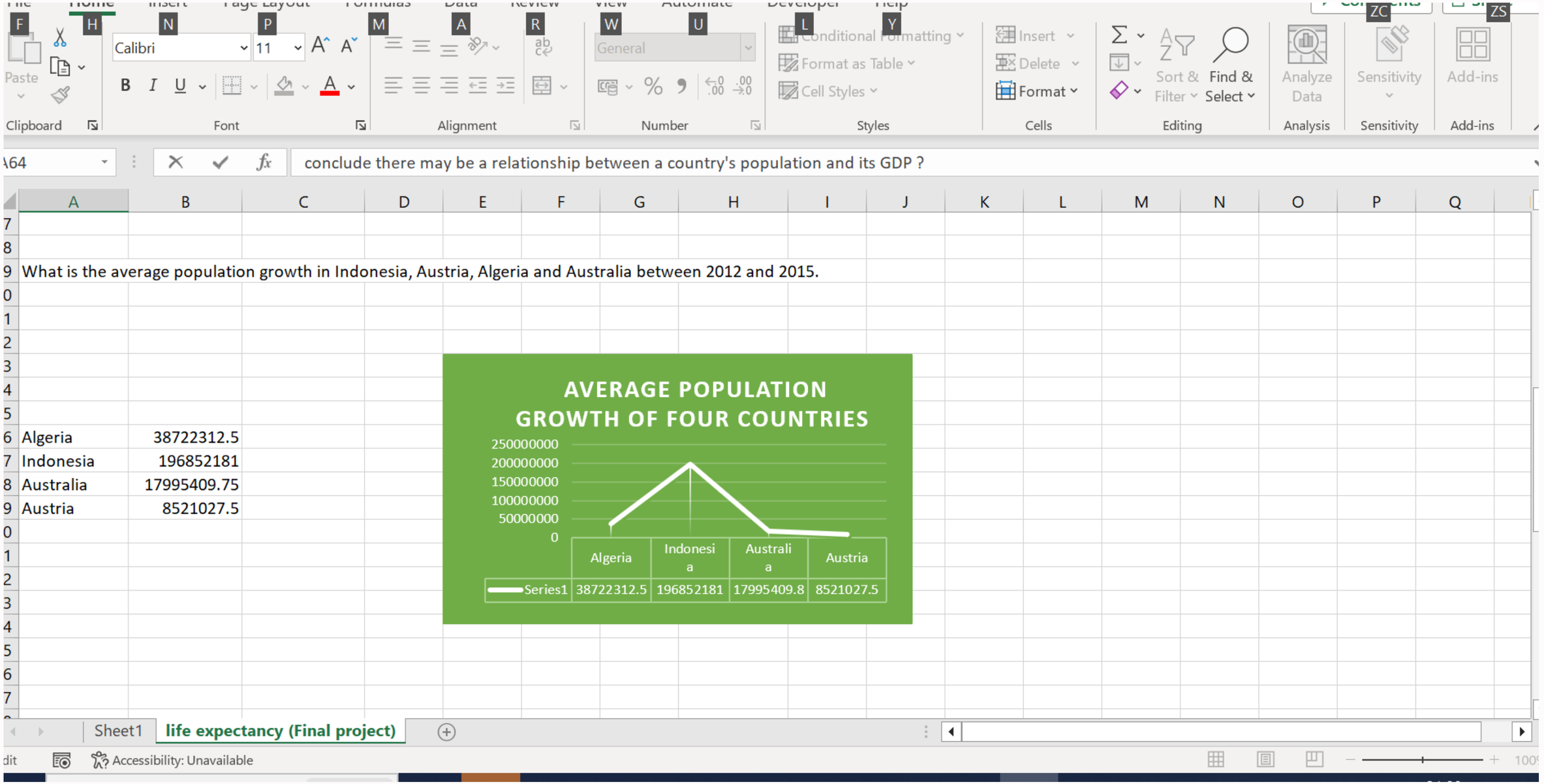
Although there have been several studies on life expectancy focusing on different variables. However, my interest here is to understand if the GDP of a country has any impact in areas like life expectancy , infant death or adult mortality comparing developing and developed countries. In doing this population growth over some years was also an important factor to consider.

Dataset Description

The dataset comprises of data from various countries of the world. However, my analysis is based on a few countries representing the developed and developing. Also, the aspects of the data I focused on are population growth within a specific number of years, rate of GDP, adult mortality, infant mortality and life expectancy.

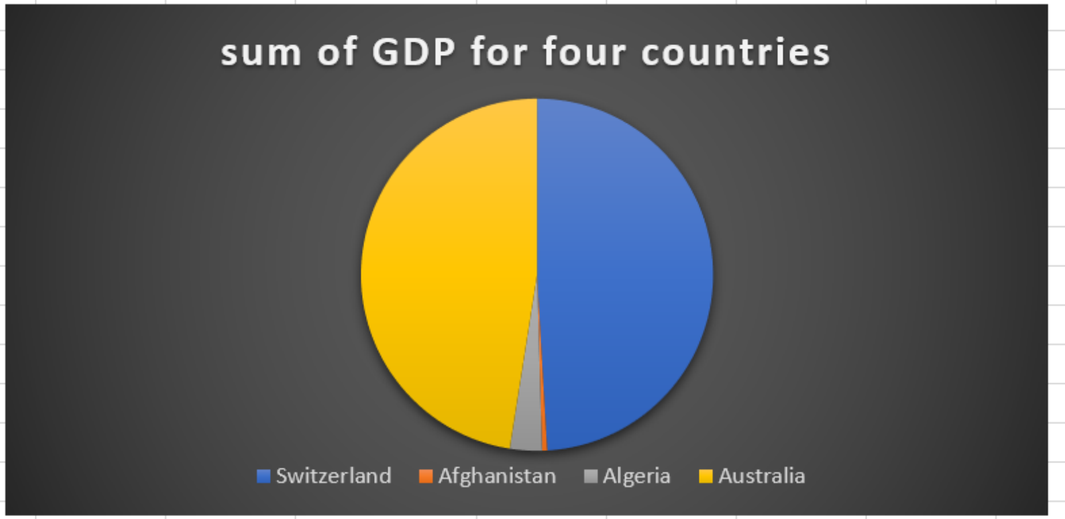
DATA SOURCE: https://www.kaggle.com/search?q=life+expectancy+in%3Adatasets

EXCEL FINDINGS



A64 | conclude there may be a relationship between a country's population and its GDP ?

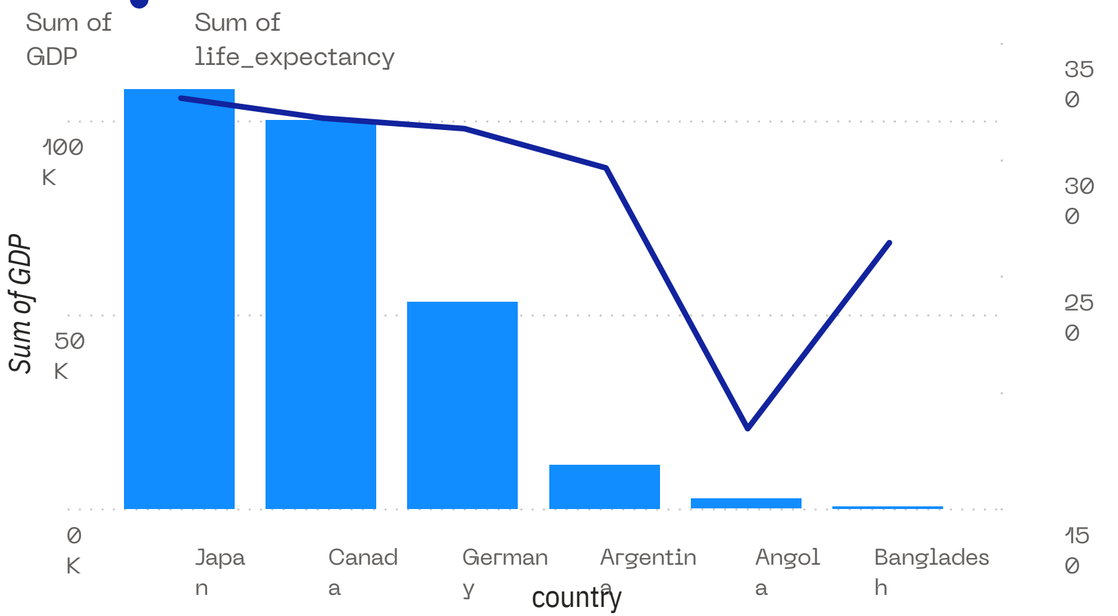
	A	B
49	What is the sum of GDP betweeen 2012 and 2015 for Switzerland, Austria, Switzerland and Afghanistan between 2012 and 2015	
53	Switzerland	262627.7066
54	Afghanistan	2498.6597
55	Algeria	15717.30705
56	Australia	254239.0522



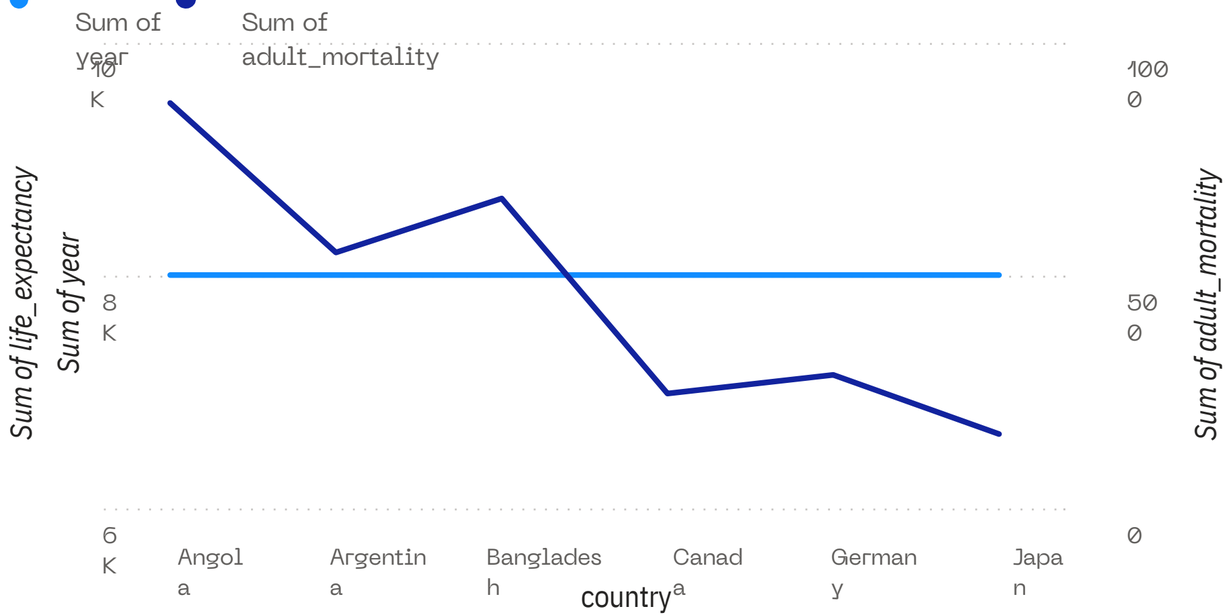
64 From the above analysis, the average population growth of developing countries is higher than the developed countries between 2012 and 2015. While the second analysis reveals that developed
65 countries have a higher GDP between 2012 and 2015 than the developing countries within the same period. However, can we conclude there may be a relationship between a country's population and its
66 GDP ?

POWER BI DASHBOARD

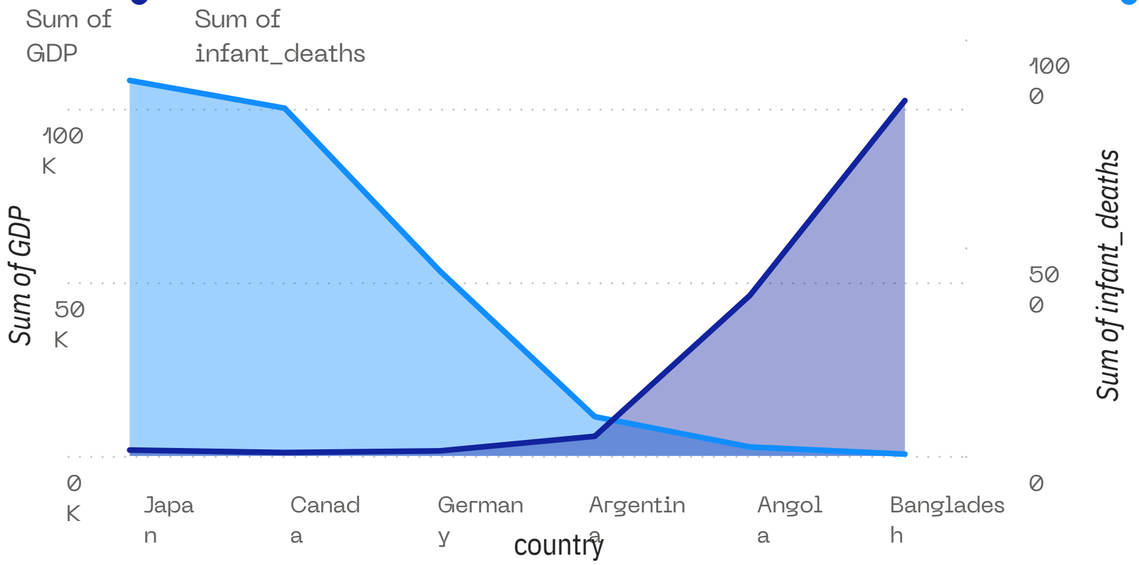
Sum of GDP and Sum of life_expectancy by country



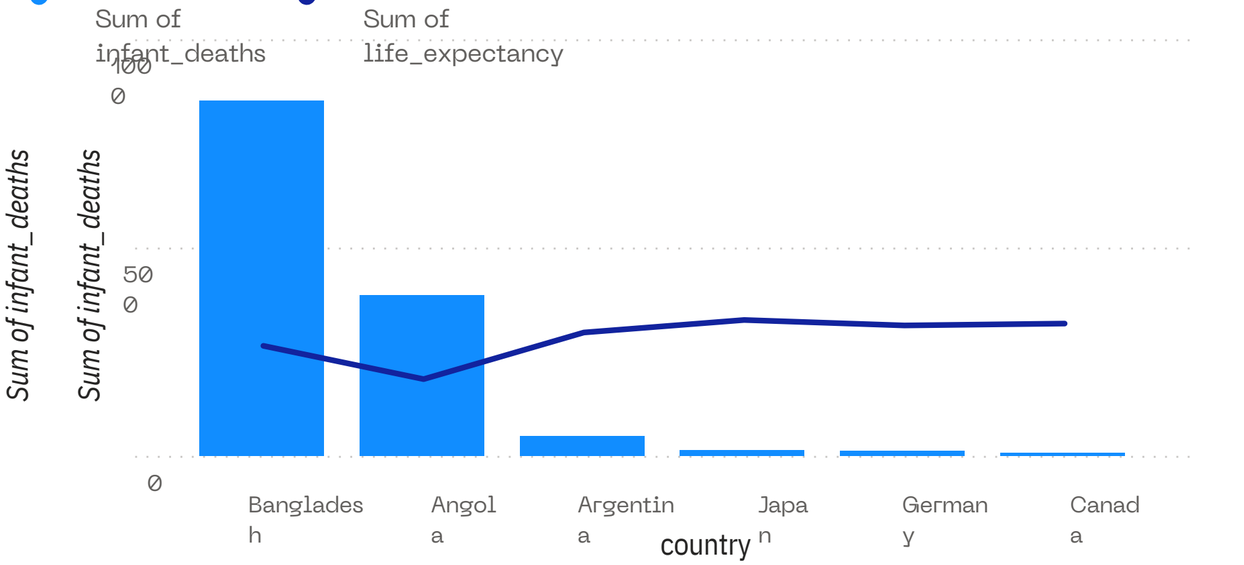
Sum of year and Sum of adult_mortality by country



Sum of GDP and Sum of infant_deaths by country



Sum of infant_deaths and Sum of life_expectancy by country



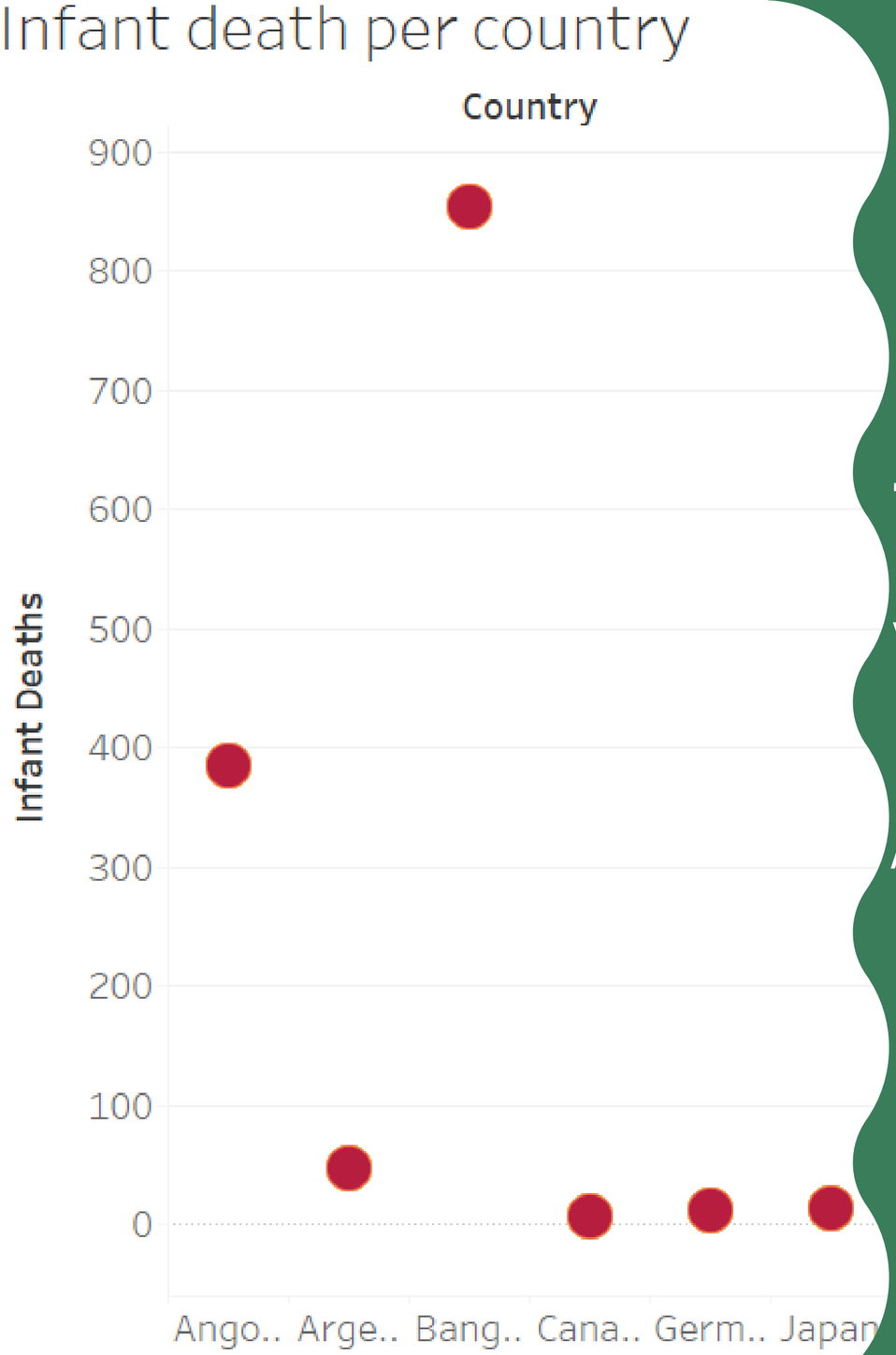


Tableau Visualization

Add more text

MY INSIGHTS

From my analysis, I discovered the rate of population growth between the developing and developed countries is considerable.

My dataset shows the developing countries grew at a faster rate than the developed countries. However, it is evident that the developed countries have a higher life expectancy, lower adult mortality rate, lower infant death rate and higher GDP within the same period of time. Therefore, I would like to conclude that the GDP of a country has a direct impact in the quality of life of it's citizens.

CHALLENGES

During the course of this project, I encountered several challenges such as missing information from several datasets I tried to analyse, a dataset I uploaded on BIGQuery was completely altered and problems with Tableau public functionalities.

CONCLUSION

Understanding the reality of the world today, which is now technology driven, led me into Data Analysis. Although, it was a challenging period because I had no prior knowledge however, I am glad to have ventured into this and completed the Bootcamp.

THANK YOU