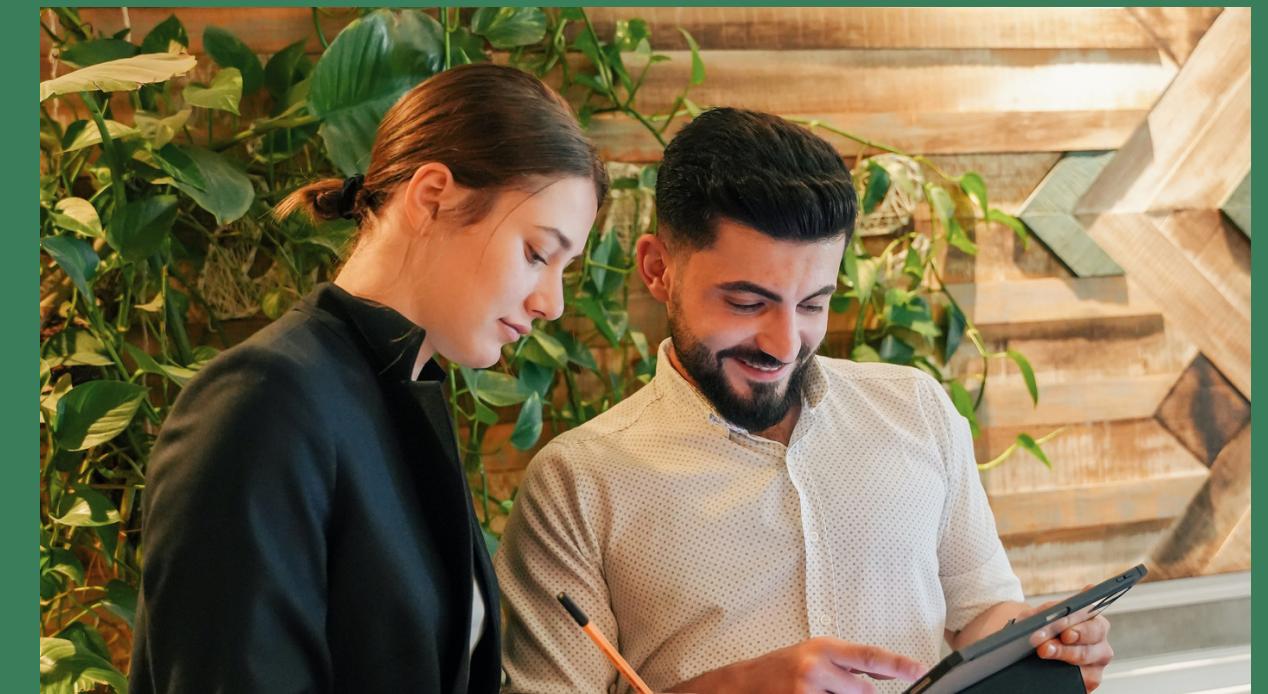


# **DATA ANALYSIS & PROJECT MANAGEMENT FINAL PROJECT**

Presentation 2023



# 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 ?

What is the average population growth in Indonesia, Austria, Algeria and Australia between 2012 and 2015.

Country	Population
Algeria	38722312.5
Indonesia	196852181
Australia	17995409.75
Austria	8521027.5

**AVERAGE POPULATION GROWTH OF FOUR COUNTRIES**

Country	Population
Algeria	38722312.5
Indonesia	196852181
Australia	17995409.75
Austria	8521027.5

Sheet1 life expectancy (Final project)

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

47

48

49 What is the sum of GDP between 2012 and 2015 for Switzerland, Austria, Switzerland and Afghanistan between 2012 and 2015

50

51

52

53 Switzerland 262627.7066

54 Afghanistan 2498.6597

55 Algeria 15717.30705

56 Australia 254239.0522

57

58

59

60

61

62

63

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 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 GDP ?

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

### sum of GDP for four countries

The pie chart displays the relative contribution of four countries to the total sum of GDP. The segments are approximately equal in size, indicating a relatively balanced distribution among the four countries.

Country	GDP Contribution
Switzerland	Blue segment
Afghanistan	Orange segment
Algeria	Grey segment
Australia	Yellow segment

Sheet1 life expectancy (Final project)

Edit Accessibility: Unavailable

Clipboard

Font

Alignment

Number

Styles

Cells

Editing

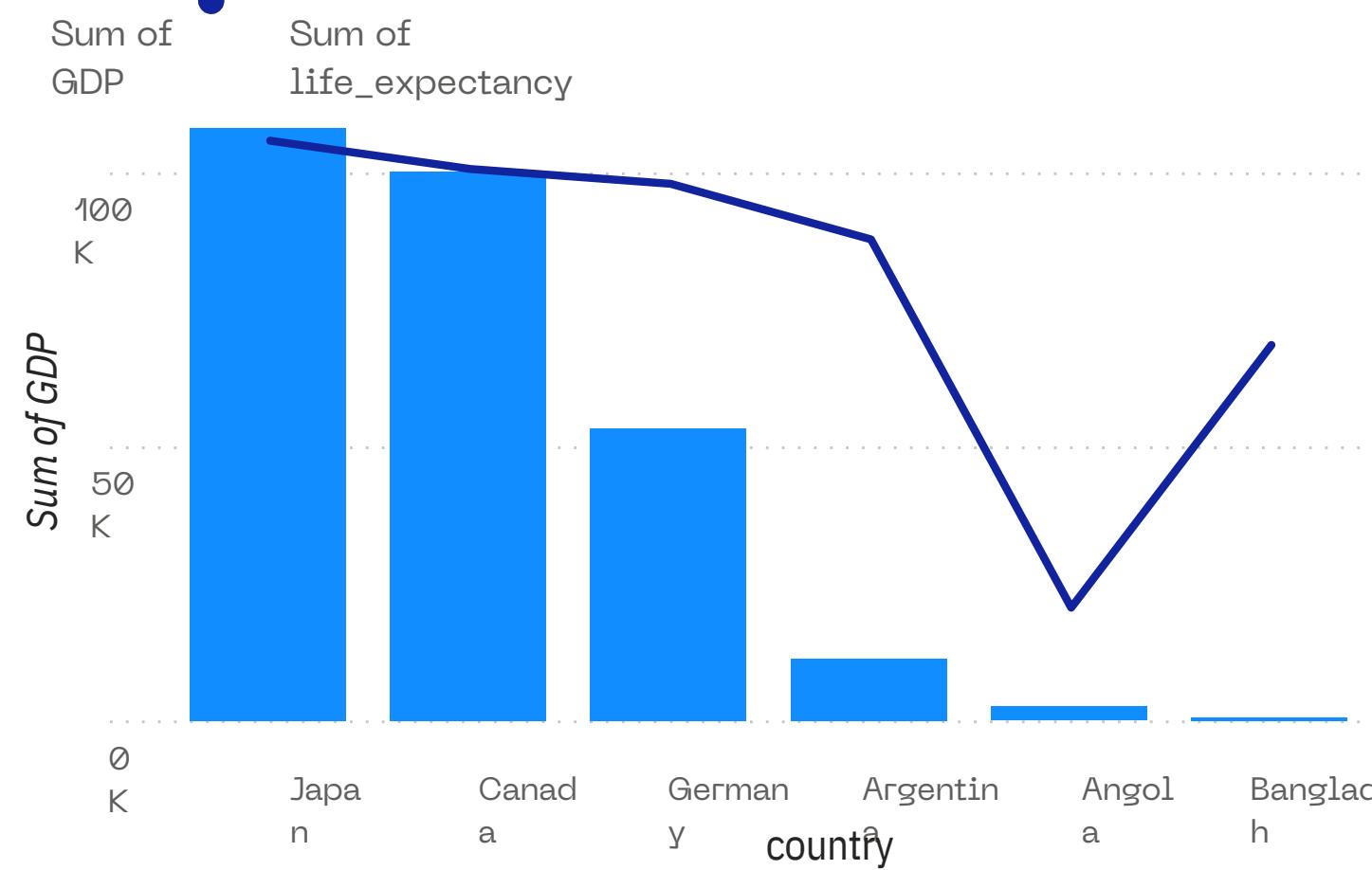
Analyze Data

Sensitivity

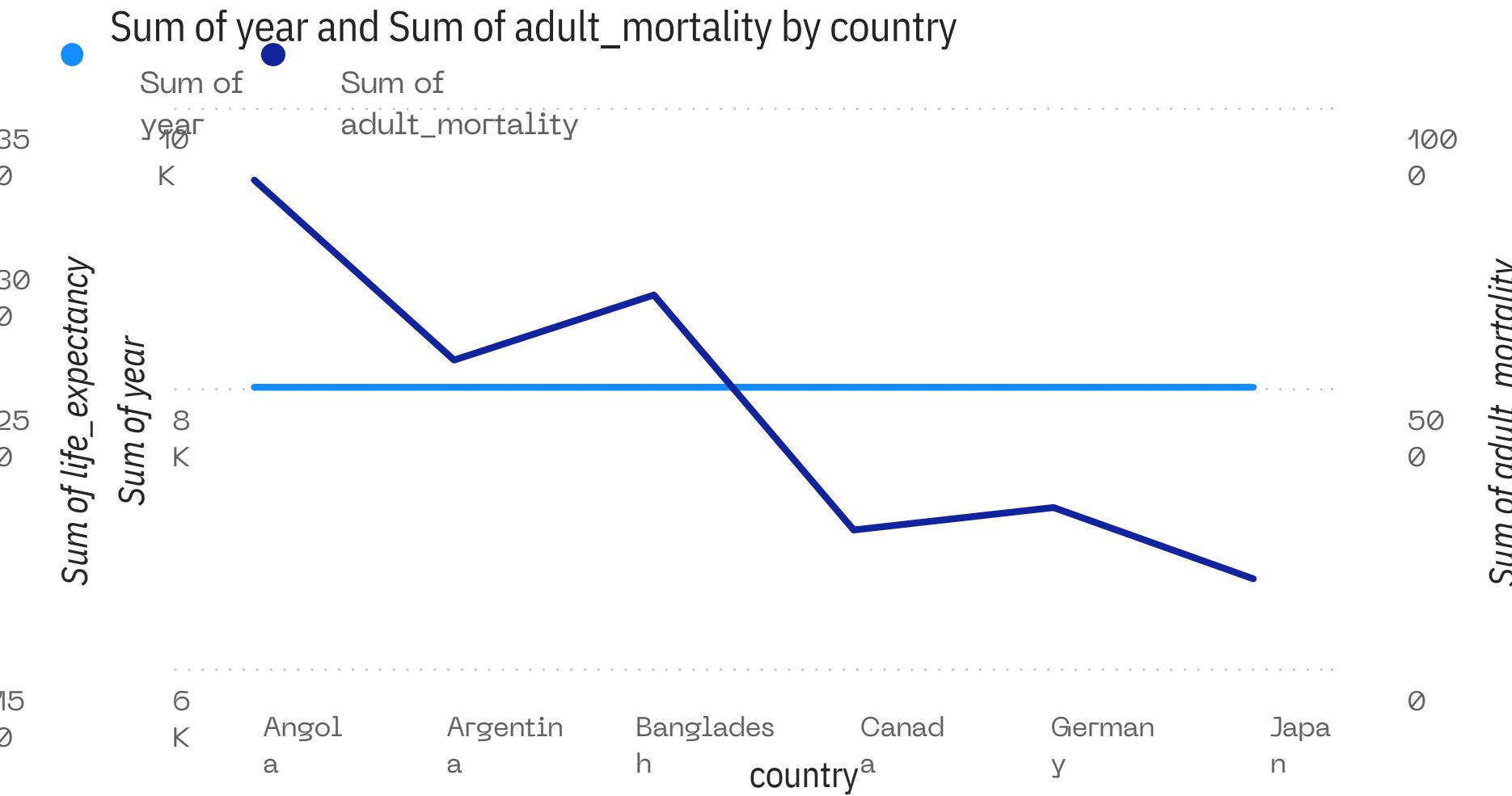
Add-ins

# POWER BI DASHBOARD

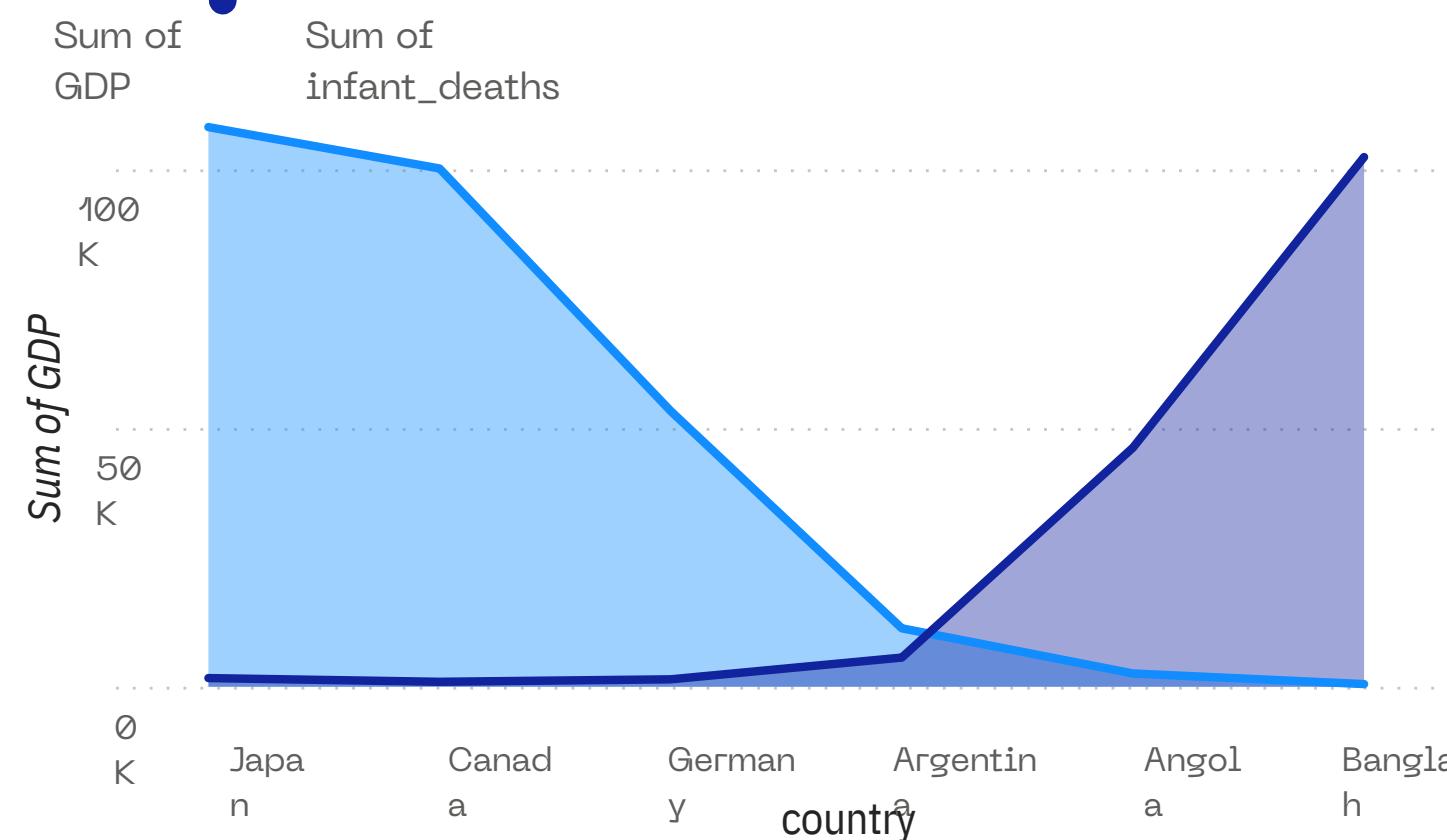
Sum of GDP and Sum of life\_expectancy by country



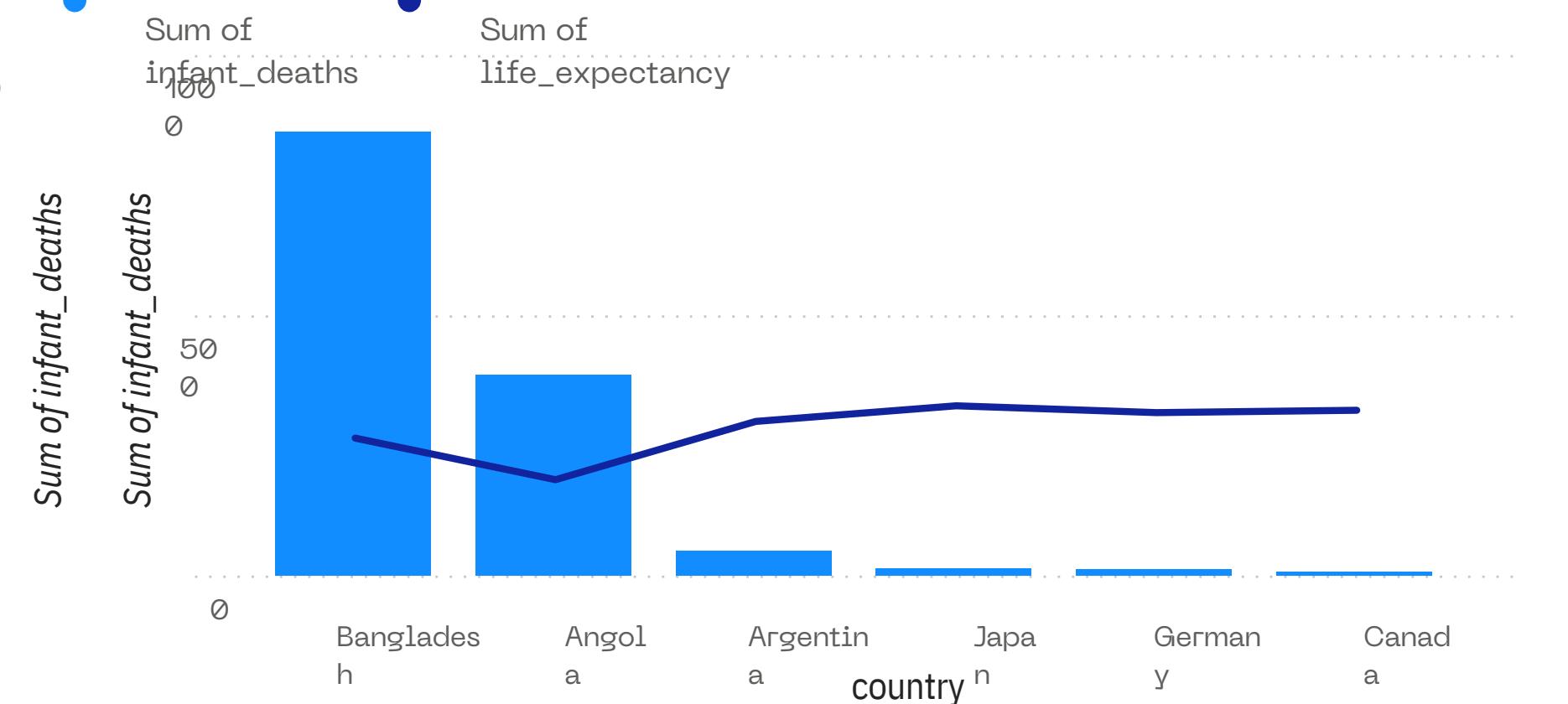
Sum of year and Sum of adult\_mortality by country



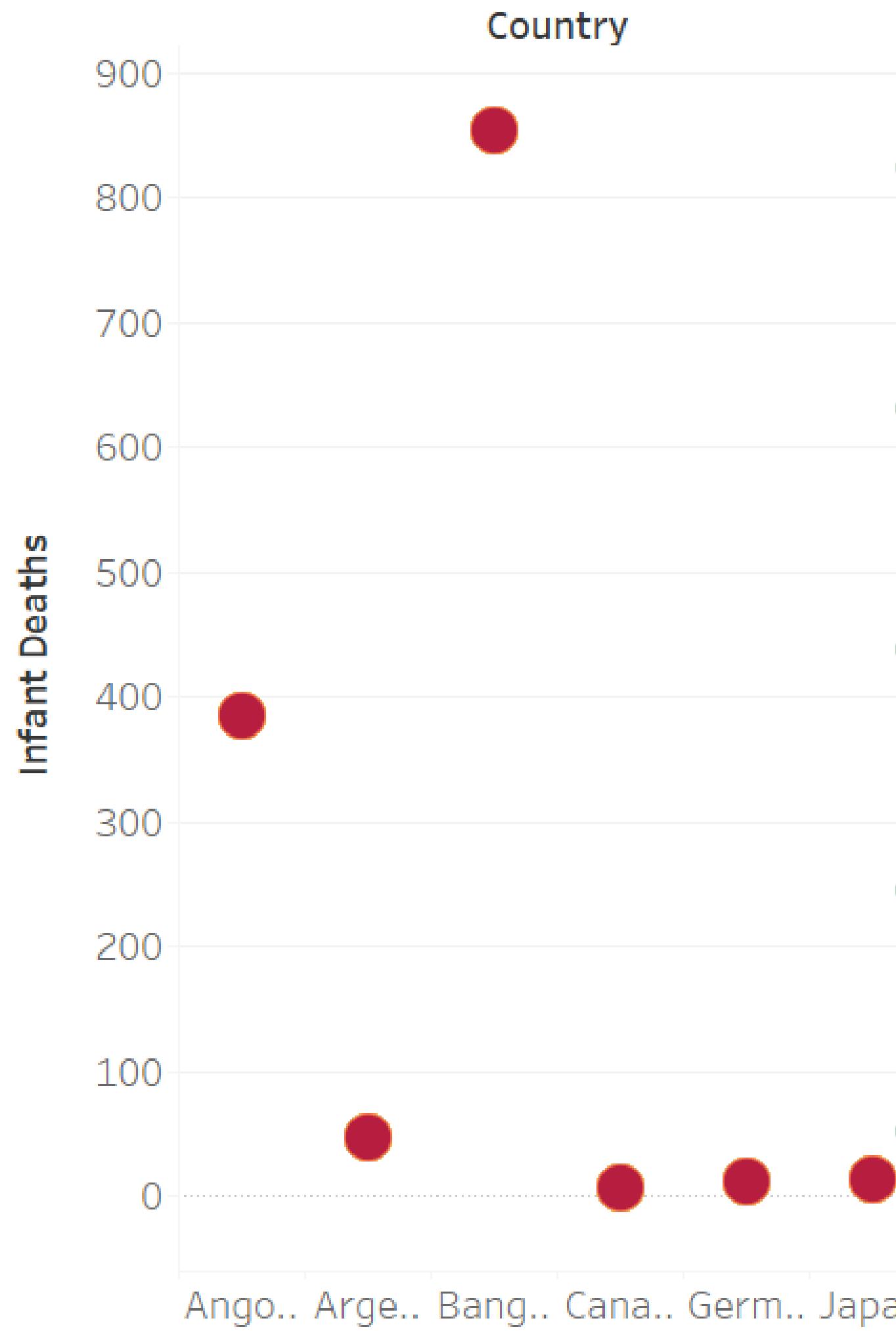
Sum of GDP and Sum of infant\_deaths by country



Sum of infant\_deaths and Sum of life\_expectancy by country



# Infant death per 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 its 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