A UN Report on the Relationship between GDP and Life Expectancy

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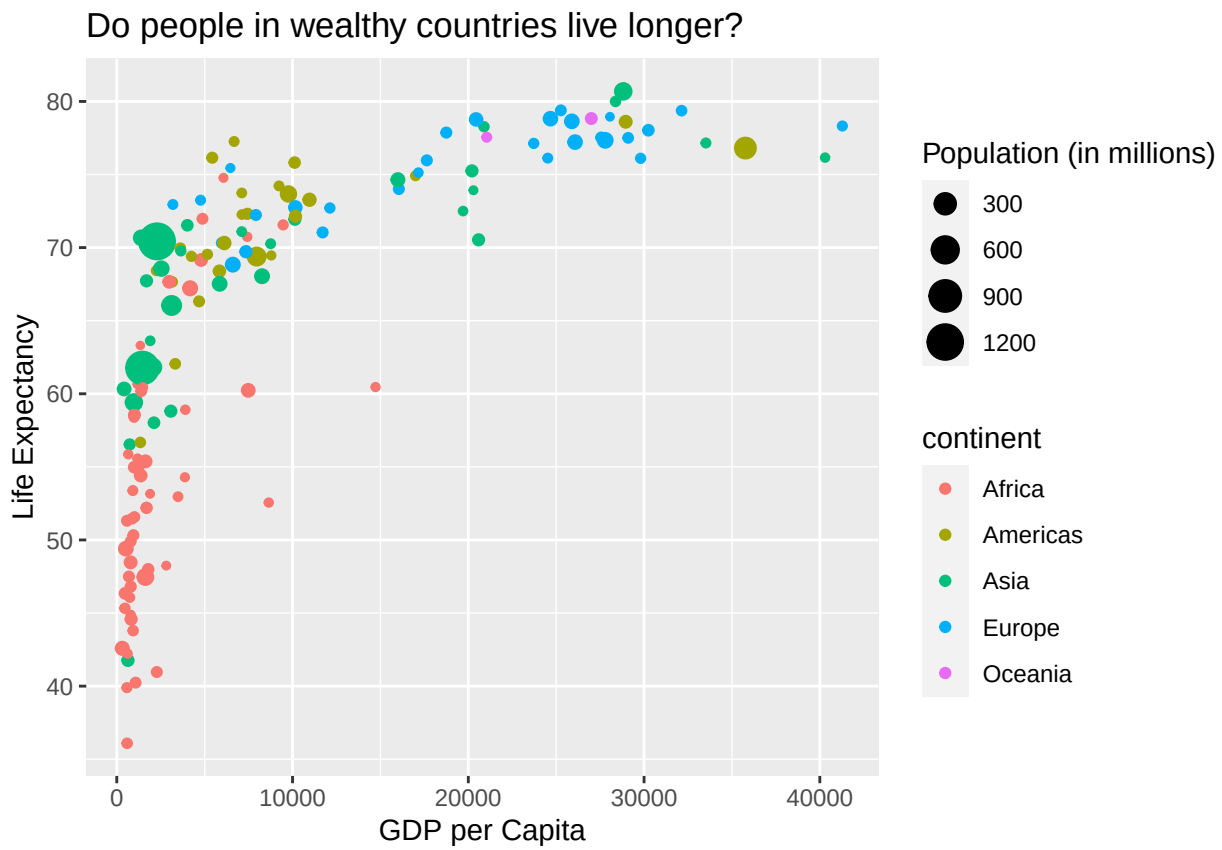
Abstract

This report was prepared to the attention of the UN. It analyzes the relationship between a country's GDP, its life expectancy, and CO2 emissions. Our goal is to determine to what degree a country's economic strength or weakness is related to its public health status and impact on climate pollution. We hypothesize that both life expectancy and CO2 emissions increase with the country's GDP.

Plotting GDP by Life Expectancy



Summary statistics

The above plot shows the relationship between GDP per capita and life expectancy for a total of 142 countries. For this set of countries, economic wealth ranged from a minimum of $312.2 to a maximum of $41283.2 per

capita. $n = 2 + 2$

Summary of data	
Number of countries	142
Minimum GDP per capita	312.2
Maximum GDP per capita	41283.2

country	pop	continent	lifeExp	gdpPercap
Australia	18565243	Oceania	78.83	26997.94
New Zealand	3676187	Oceania	77.55	21050.41

Exercises

Exercise 1: Try googling how to create sections by using headers and sub-headers using Markdown. What do you find?

Exercise 2:

Go ahead and do some online searches on how to do the following:

- Create a bullet point list with three items
- As the first item, write the name of your currently favorite programming language in bold
- As the second item, write the name of a function you have so far found most useful in italics
- As the third item, write one thing you want to learn next on your programming journey in bold and italics
- Turn your bullet point list into a numbered list
- Create a fourth list item and find an online guide and/or cheat sheet for basic Markdown syntax, write its name down here and hyperlink its URL

My bulleted list

- My favorite programming language is **R**
- The most useful function has been *group_by*
- The next thing I want to learn is ***RNAseq analysis***

My numbered list

1. My favorite programming language is **R**
2. The next thing I want to learn is ***RNAseq analysis***
3. The most useful function has been *group_by*
4. This is my favorite markdown cheatsheet