quartohomework

Sean Jeon

Invalid Date

1 Quarto

Quarto enables you to weave together content and executable code into a finished document. To learn more about Quarto see https://quarto.org.

```
(217, 14)
       country  inflation_rate  exports_gdp_share  gdp_growth_rate  \
0  Afghanistan             NaN          18.380042        -6.240172
1      Albania        6.725203          37.197085         4.826688
2      Algeria        9.265516          30.808979         3.600000

   gdp_per_capita  adult_literacy_rate  primary_school_enrolment_rate  \
0      357.261153                  NaN                            NaN
1     6846.426143                 98.5                      96.371231
2     4961.552577                  NaN                     108.343933

   education_expenditure_gdp_share  measles_immunisation_rate  \
0                              NaN                       56.0
1                         2.744330                       86.0
2                         4.749247                       79.0

   health_expenditure_gdp_share  income_inequality  unemployment_rate  \
0                           NaN                NaN             14.100
1                           NaN                NaN             10.137
2                           NaN                NaN             12.346

   life_expectancy  total_population
0           62.879        40578842.0
1           76.833         2777689.0
2           77.129        45477389.0
```
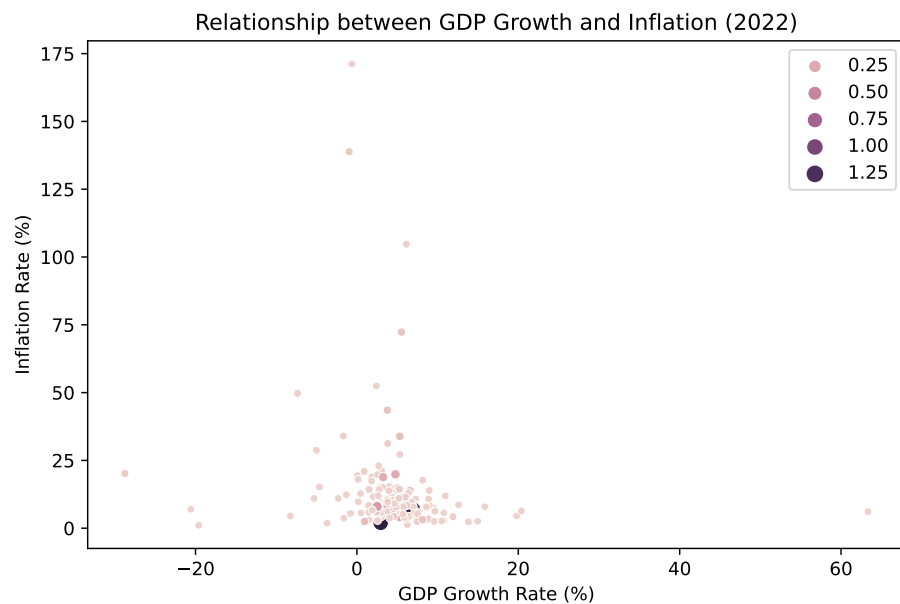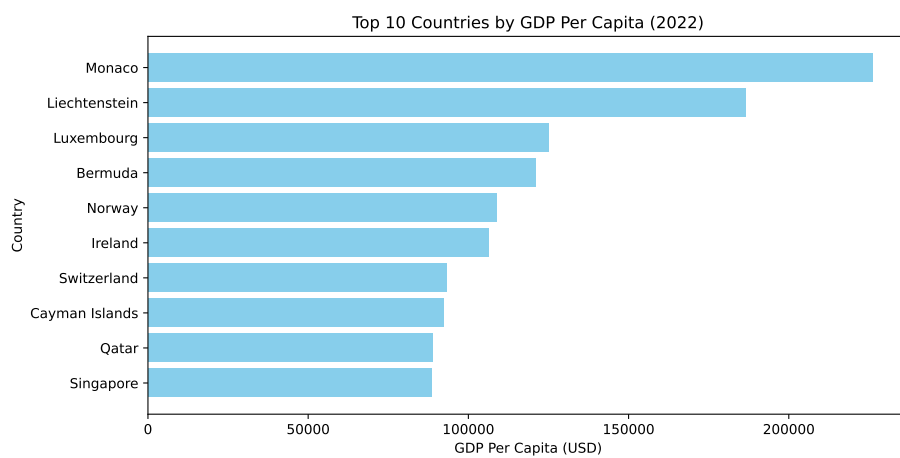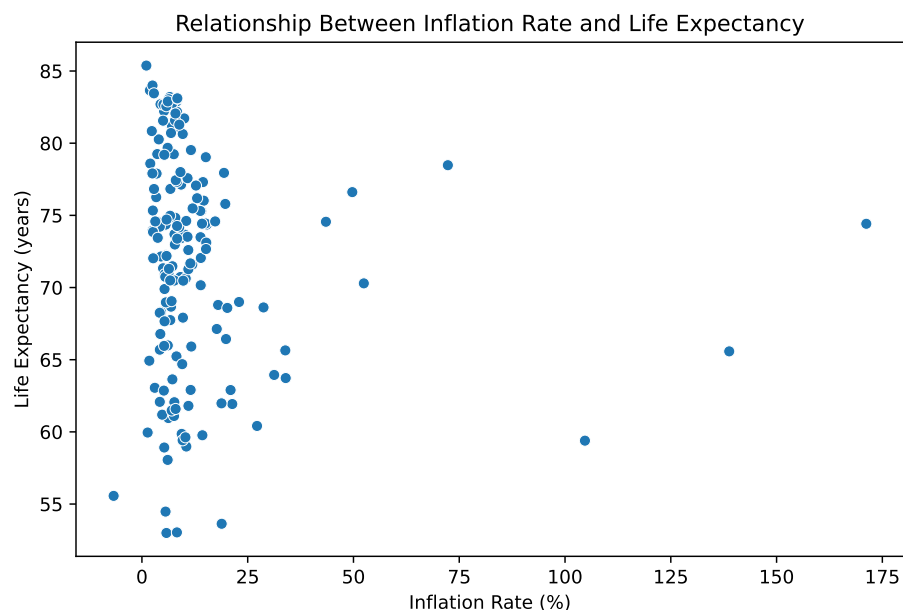
/Users/seanjeon/opt/anaconda3/lib/python3.9/site-packages/IPython/core/formatters.py:345: Fu

In future versions `DataFrame.to_latex` is expected to utilise the base implementation of `S

	gdp__per__capita	inflation_rate	life_expectancy
count	207.000000	173.000000	209.000000
mean	20520.336828	12.404067	72.416519
std	30640.741594	19.467053	7.713322
min	250.634225	-6.687321	52.997000
25%	2599.752468	5.518129	66.782000
50%	7606.237525	7.930929	73.514634
75%	27542.145523	11.665567	78.475000
max	226052.001905	171.205491	85.377000

Top 10 Countries by GDP Per Capita (2022)

Relationship between GDP Growth and Inflation (2022)

Relationship Between Inflation Rate and Life Expectancy

/Users/seanjeon/opt/anaconda3/lib/python3.9/site-packages/IPython/core/formatters.py:345: Fu

In future versions `DataFrame.to_latex` is expected to utilise the base implementation of `S

	count	mean	std	min	25%	50%	
gdp_per_capita	207.0	20520.336828	30640.741594	250.634225	2599.752468	7606.237525	27542
inflation_rate	173.0	12.404067	19.467053	-6.687321	5.518129	7.930929	11
life_expectancy	209.0	72.416519	7.713322	52.997000	66.782000	73.514634	78

!!!! Use Quarto to include a caption and a reference to the source of the data.
Hide your code in the final doculent

As seen in **Figure ?@fig-gdp-top10**, the countries with the highest GDP per capita are...

The data comes from the World Bank (**worldbank2022?**).

(Uddin 2020)

(Alam 2023)

" '

/Users/seanjeon/opt/anaconda3/lib/python3.9/site-packages/IPython/core/formatters.py:345: Fu

In future versions `DataFrame.to_latex` is expected to utilise the base implementation of `S

	count	mean	std	min	25%	50%	
gdp_per_capita	207.0	20520.336828	30640.741594	250.634225	2599.752468	7606.237525	27542
inflation_rate	173.0	12.404067	19.467053	-6.687321	5.518129	7.930929	11
life_expectancy	209.0	72.416519	7.713322	52.997000	66.782000	73.514634	78

Alam, Mohammad Badre. 2023. "Trends of Populations Indicators in Developed and Developing Countries: A Comparative Study." *MedS Alliance Journal of Medicine and Medical Sciences* 3 (5): 93–96. https://doi.org/10.3126/mjmms.v3i5.60184.

Uddin, Mirza Md Moyen. 2020. "An Empirical Analysis of the Relationships Between Economic Growth and Selected Indicators of Environmental Degradation." The World Bank. https://doi.org/10.25952/3QBJ-0C60.