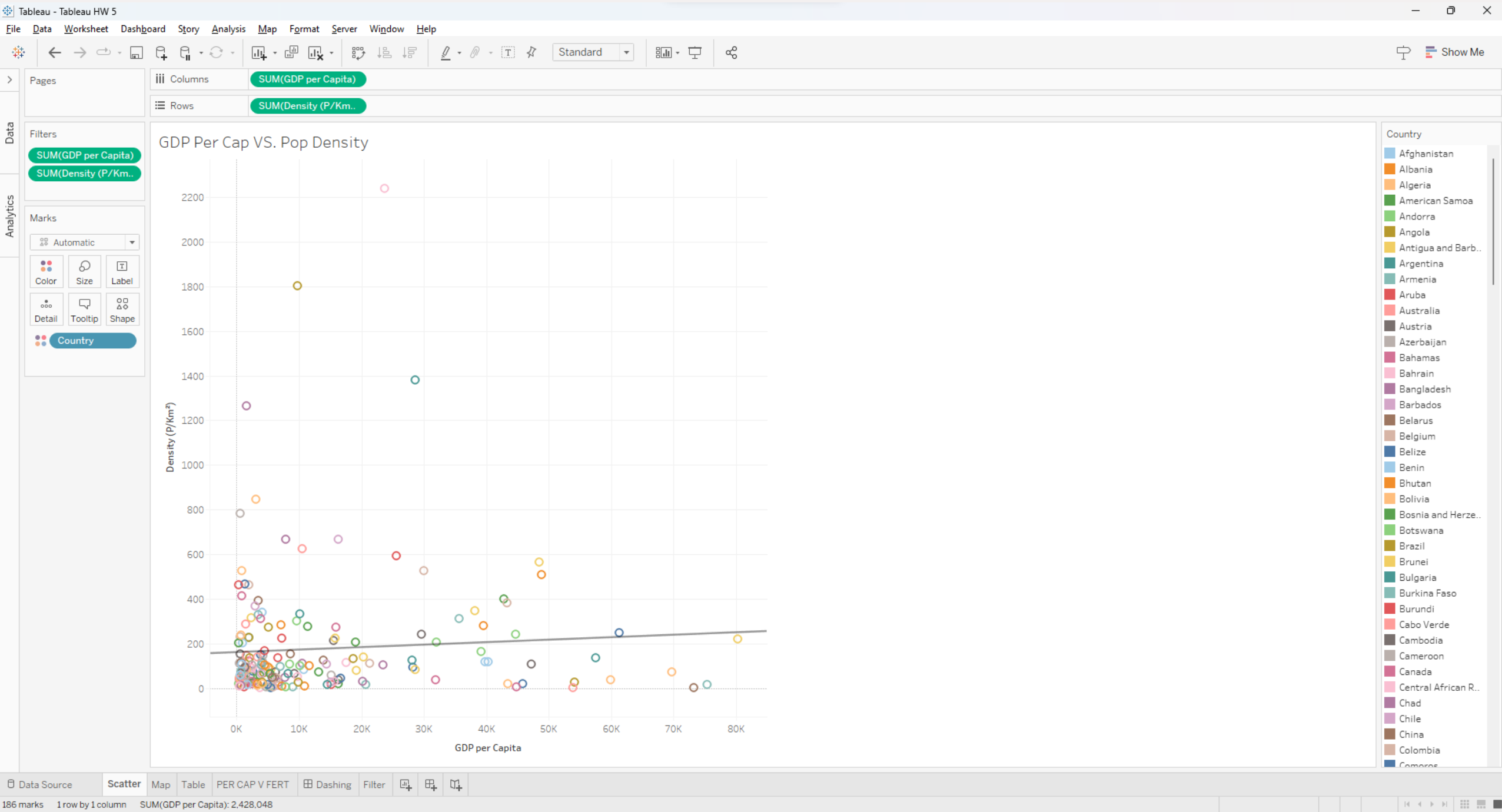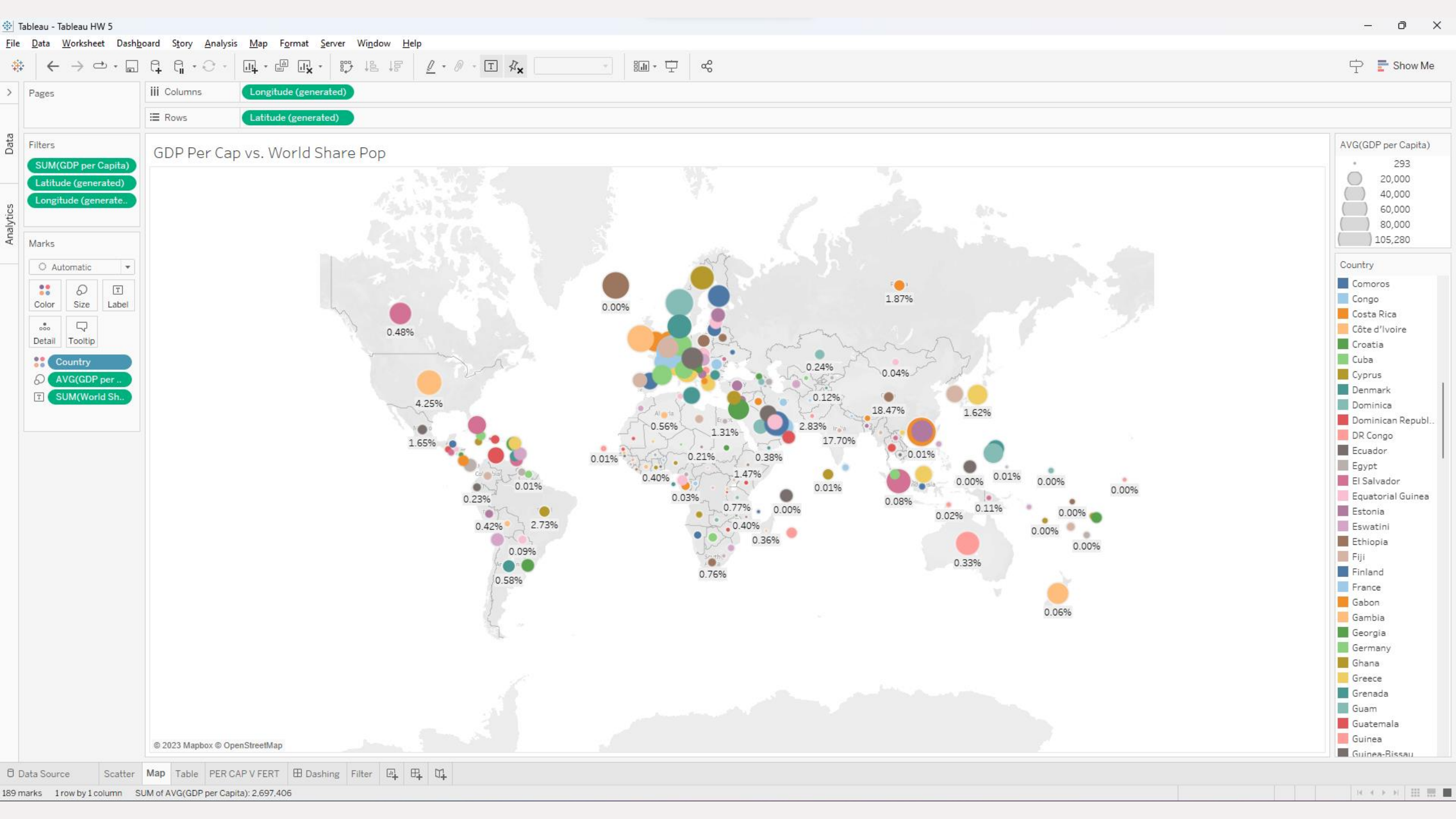# Country Analysis

Giovanni Gonzalez

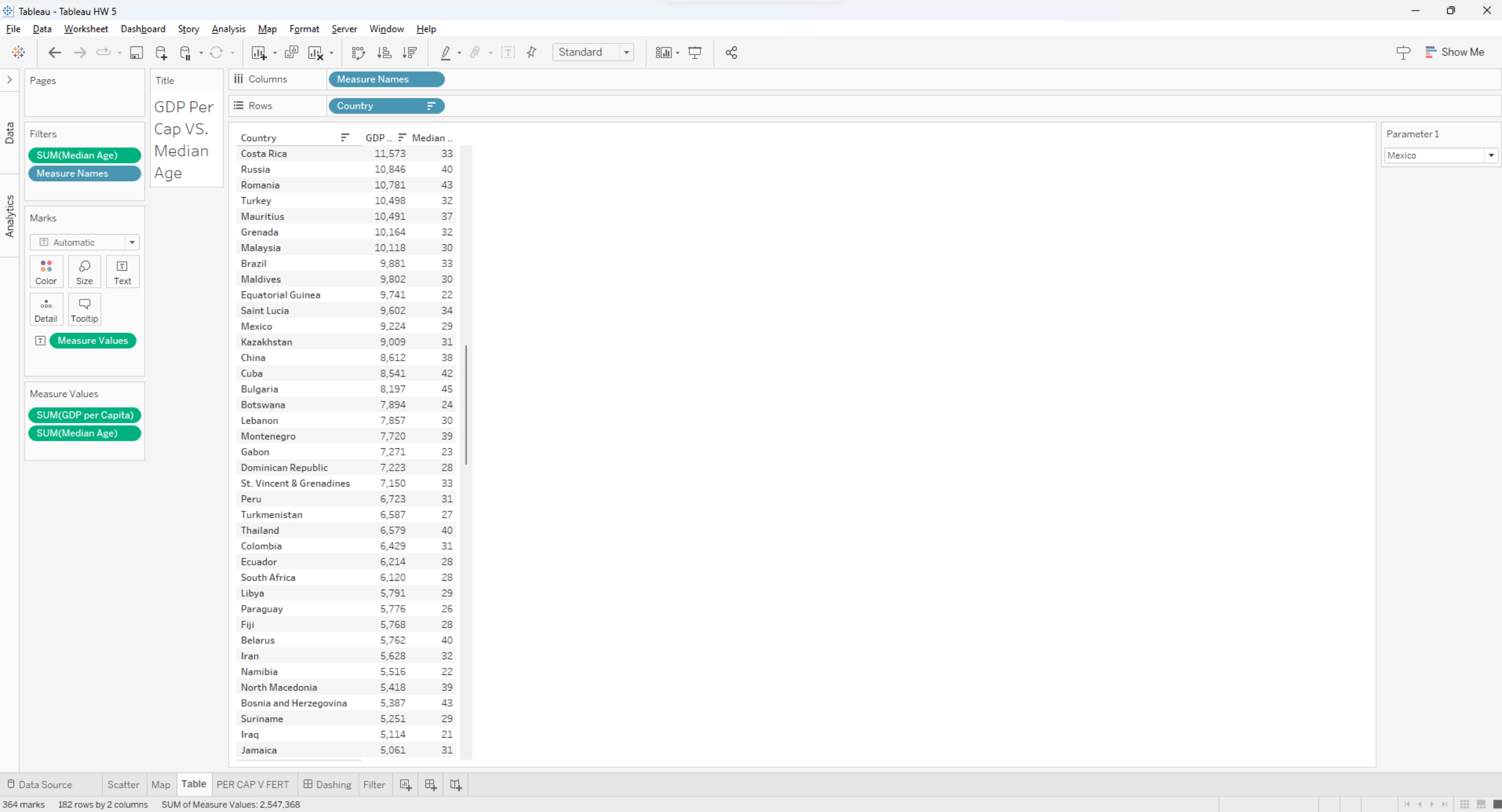# Insight

- There is a positive relationship (slight) between population density of a country and the GDP per capita of that country.

- Sparsely populated countries tend to be very poor.

- This is not necessarily true for more dense countries beyond a certain GDP per cap.

- I filtered out the outliers for density and GDP per cap because they were having too big an effect on the scatter plot.

Insight
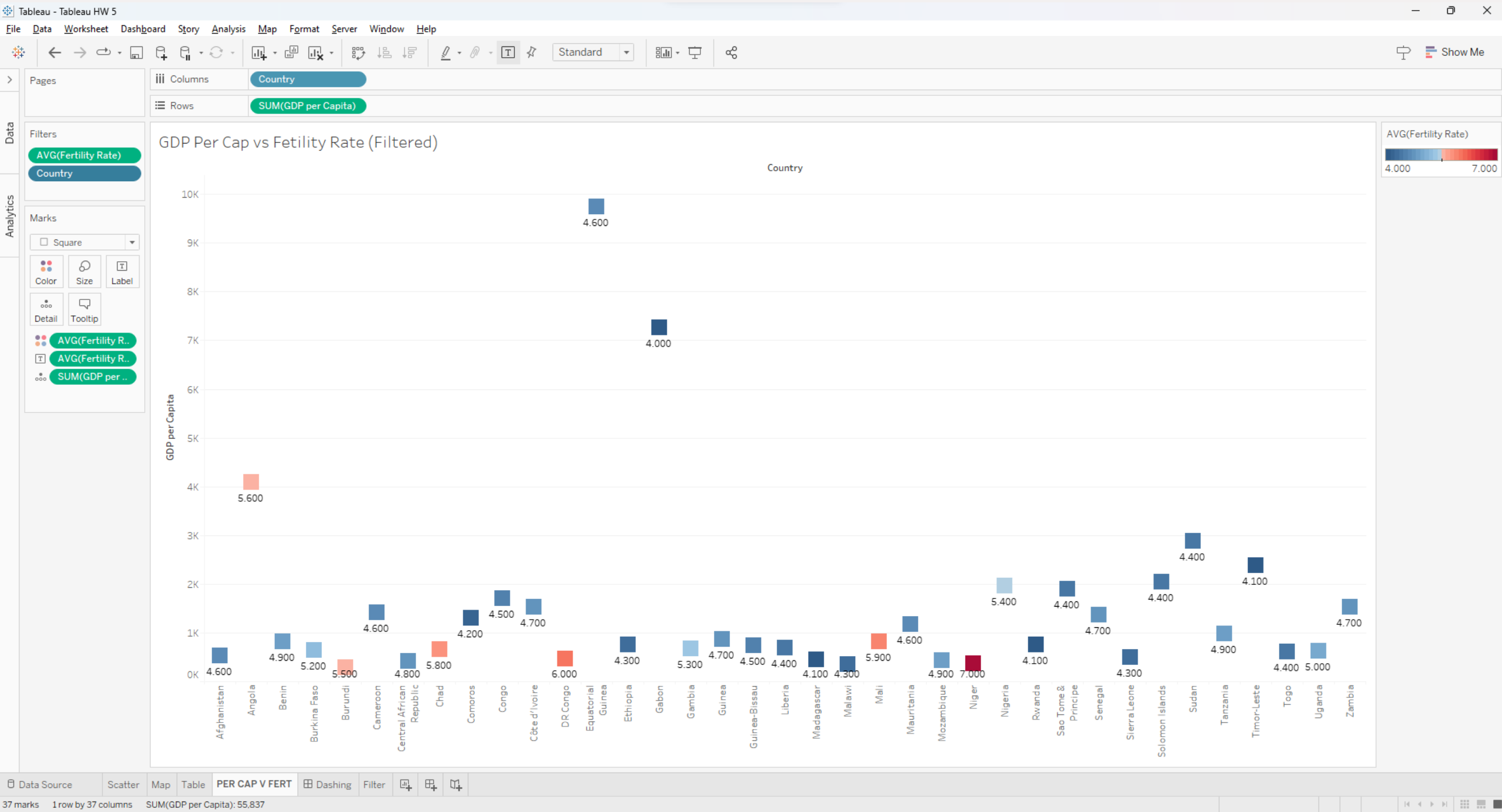
- One look at the graph will show you that the concentration of GDP per cap is primarily in western countries. This is evidenced by the country's size of their circle.

- The label is their world share of population. This is mostly to show the disparity and inequality between countries where there might be more people, but the potential productivity of that populace does not mean more wealth.

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Pages

Columns   Measure Names

Rows   Country

Title

GDP Per Cap VS. Median Age

Filters

SUM(Median Age)
Measure Names

Marks

Automatic

Color Size Text

Detail Tooltip

Measure Values

Measure Values

SUM(GDP per Capita)
SUM(Median Age)

Parameter 1

Mexico

Country	GDP ..	Median ..
Costa Rica	11,573	33
Russia	10,846	40
Romania	10,781	43
Turkey	10,498	32
Mauritius	10,491	37
Grenada	10,164	32
Malaysia	10,118	30
Brazil	9,881	33
Maldives	9,802	30
Equatorial Guinea	9,741	22
Saint Lucia	9,602	34
Mexico	9,224	29
Kazakhstan	9,009	31
China	8,612	38
Cuba	8,541	42
Bulgaria	8,197	45
Botswana	7,894	24
Lebanon	7,857	30
Montenegro	7,720	39
Gabon	7,271	23
Dominican Republic	7,223	28
St. Vincent & Grenadines	7,150	33
Peru	6,723	31
Turkmenistan	6,587	27
Thailand	6,579	40
Colombia	6,429	31
Ecuador	6,214	28
South Africa	6,120	28
Libya	5,791	29
Paraguay	5,776	26
Fiji	5,768	28
Belarus	5,762	40
Iran	5,628	32
Namibia	5,516	22
North Macedonia	5,418	39
Bosnia and Herzegovina	5,387	43
Suriname	5,251	29
Iraq	5,114	21
Jamaica	5,061	31

Data Source   Scatter   Map   Table   PER CAP V FERT   Dashing   Filter

364 marks   182 rows by 2 columns   SUM of Measure Values: 2,547,368

Insight

- The purpose of this text table is to show the relationship between GDP per cap and life expectancy. I sorted GDP per cap, and the range of median age plummets at lower ranges.

- Around 2k GDP per cap, the median age rarely tends to exceed past 30 years old. This shows us that people beyond that age range are surviving less often, thus keeping the population low. A high fertility rate could also impact that number.
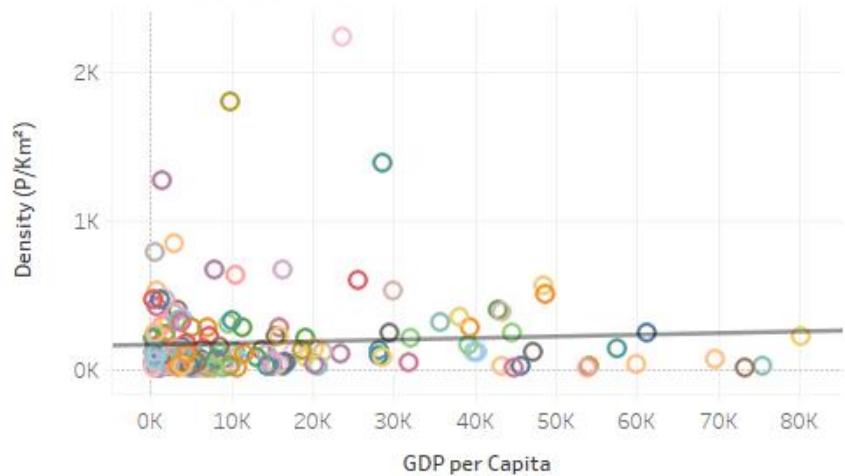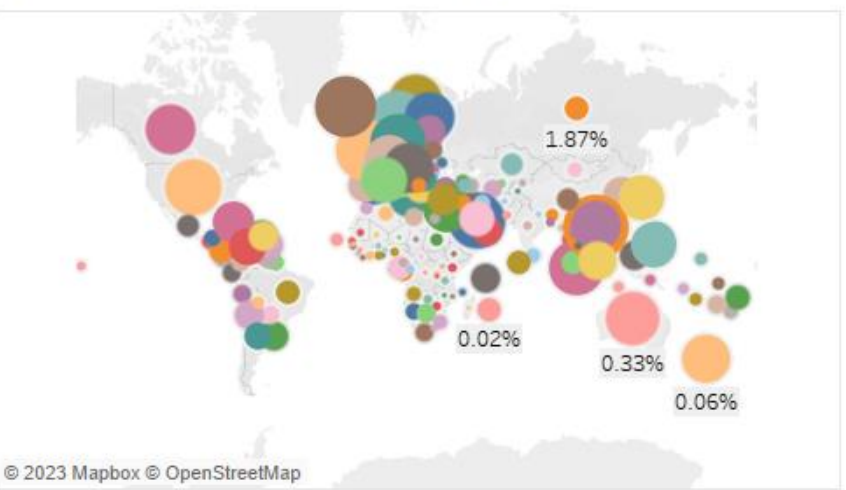
Insight

- I only wanted to keep higher fertility rates here, so I filtered for a minimum of 4.

- GDP per cap is the vertical value, and fertility rate is labeled and shown in intensity from blue to red.

- Very few counties with a high fertility rate have a high GDP, but every poor country had a high fertility rate.

- This shows that there is a relationship with low GDP per cap and an increasing fertility rate.
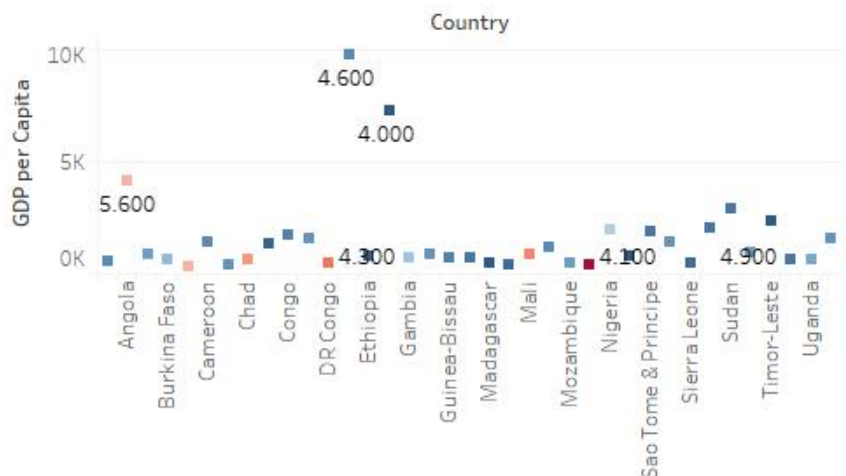
GDP PER CAP ANALYSIS

GDP Per Cap VS. Pop Density

GDP Per Cap vs. World Share Pop

© 2023 Mapbox © OpenStreetMap

GDP Per Cap VS. Median Age

Country	GDP ..	Median ..
Luxembourg	105,280	40
Macao	80,890	39
Switzerland	80,296	43
Norway	75,428	40
Iceland	73,233	37
Ireland	69,727	38
Qatar	61,264	32
United States	59,939	38
Denmark	57,545	42
Singapore	56,746	42
Sweden	54,075	41

GDP Per Cap vs Fetility Rate (Filtered)

Canada

Mexico

United States

Insight

- The data story reflects on factors surrounding GDP per capita.

- Each field I used reflects generally held notions surrounding poverty in other nations. I wanted to explore the data to confirm (according to this dataset) if the notions held any merit.

- Given that we are all in North America, I included a sliver at the bottom for Canada, Mexico, and The United States.