SUMMARY REPORT

Submitted by Mohamed Abido as a part of the Data Analyst Nanodegree at Udacity.

Summary

This sample of countries contains 18 countries 9 of them are considered developed countries and the other 9 are developing countries. The data includes several indicators covering 20 years (1995-2015) and we will see how these countries did during this period.

Design

I chose a mix of different type of charts (scatter plot, bar chart and maps) to engage the reader and they provide a clear way to show change over time plus scatter plot came in hand when used to compare how health expenditure and life expectancy changed over time in the same direction. I also chose colors that would be suitable for color blinded people. Each chart has a country filter to separately look at each country and a year filter with the option to look through years and see the progress that happened. And I added descriptive captions for each dashboard.

Feedback

I showed the project to 4 some people and they gave a positive feedback with only one suggestion which was to combine some related indicators in a single page (dashboard).

I have done that by combining these related indicators in dashboards as you can see in the visualization story.

I also received a feedback for adding a more descriptive caption to the story.

Resources

- [Worldbank](#) & [United Nations Development Programme](#)

Tableau Public Link

- Old Version (without captions): [Tableau Link](#).
- New Version (with captions): [Tableau Link](#).

Dataset

The dataset used was combined by me from different sources and I wrangled it in a previous project in this nanodegree. The datasets used was downloaded from:

- [Worldbank](#) & [United Nations Development Programme](#)

The datasets provide different economic indicators such as GDP Growth, Inflation and HDI for 2 samples of countries (developed and developing) between 1995-2015.