***GLOBAL LIFE EXPECTANCY***

**INTRODUCTION**

The dataset covers 193 countries and spans from 2000 to 2015. The dataset has been meticulously cleaned and merged, resulting in a final file with 22 columns and 2938 rows, representing 20 predictive variables. These variables are categorized into immunization-related factors, mortality factors, economic factors, and social factors. Despite some missing data for less-known countries, the dataset remains robust for analysis.

**OBJECTIVES**

The primary objectives of analyzing this dataset are:

* **Assess Global Health Trends**: Understand how life expectancy and other health indicators have changed over time across different countries and regions.
* **Identify Health Disparities**: Highlight disparities in health outcomes between developed and developing countries
* **Evaluate Disease Prevalence and Vaccination Coverage**: Assess the prevalence of diseases and the effectiveness of vaccination programs.
* **Understand Economic Factors**: Explore how nutritional indicators and economic factors like GDP and income composition affect health outcomes.
* **Provide Policy Recommendations**: Based on the analysis, provide recommendations for improving health outcomes and reducing disparities.

**DATA PREPARATION**

The data was obtained by downloading it from the google classroom platform in an excel format

The data was then imported into power BI through the power Query editor

The “Transform Data” option was used to handle missing values, remove duplicates, and format columns. In addition, data types (e.g., text, number, date) were verified to ensure that they are correctly assigned to each column.

After which the data was loaded into power BI for visualization.

**REPORT**

Several reports were created based on the dataset. These reports are categorized under the following headings Visualizations showing global trends in life expectancy and health indicators and GDP.

**MY CHARTS**

My visuals are tailored around these question

* The rate of life expectancy among developed and developing countries?
* On the average which continent has the highest adult mortality and life expectancy?
* Rise of HIV/AIDS among continents?
* Rate of infant deaths among continents?
* Who consumes more alcohol among these continents?
* Rate of measles?
* Financial health of each continent based on their individual GDP?

**FINDINGS/INSIGHTS**

From my report, it could be said that

1. The average life expectancy is 69years, meaning on the average people live for about 69years before death.
2. The “Developed” countries turn to live more /have a higher life expectancy rate than that of the “Developing” countries.
3. Africa has the highest rate of adult mortality in the world.
4. Africa leads the rest of the continents when it comes to HIV/AIDS rate in the world.
5. Asia records the highest infant death.
6. Europe leads in alcohol consumption in the world.
7. Europe has the highest GDP in the world, followed by America.
8. Asia leads in measles among the other continents.
9. **RECOMMENDATION**

From the above findings and insights, it clear that Africa needs a lot of help to improve her health status in the world. With not so good performing economies among the African countries, Policies and Education should be our most concern.

Developed countries are leading with the rate of life expectancy and GDP rate.

Most developing countries fall with the African continents with bad performing economies leading to poor GDP rates.