### Life Expectancy Data Analysis

This project will analyze life expectancy data by looking at factors such as immunizations, mortality, [finances](https://www.projectpro.io/article/how-data-science-in-finance-has-increased-the-industrys-profitability/169), social factors, and other health-related issues. It will make it easier for a country to identify the predicting factor contributing to a lower life expectancy value. This will also aid in recommending to a country which areas should be prioritized to effectively raise the population's life expectancy.

Dataset: [Liife expectancy dataset](https://www.kaggle.com/kumarajarshi/life-expectancy-who) by WHO on Kaggle.

Project Idea: Analyze the dataset by breaking down life expectancy figures based on variables such as immunization rates, mortality statistics, GDP, and social factors. Load the dataset into Power BI and perform data preparation to clean and filter for key metrics.

* Use Gauge Charts to show life expectancy levels compared to global benchmarks.
* Pie Charts and Line Charts can highlight trends in mortality rates and immunization levels over time.
* Point Maps can provide geographical visualizations of life expectancy data.
* Tornado Charts and Doughnut Charts are effective for comparing country-wise factors influencing life expectancy.
* Treemaps can visualize hierarchical data, such as social factors contributing to health outcomes.

Key Business Questions to Explore

* What are the leading factors contributing to lower life expectancy in specific regions?
* How do immunization rates correlate with life expectancy trends?
* Which countries have seen the most significant improvements in life expectancy, and what factors contributed?
* How do social and economic conditions impact health outcomes globally?