Tableau – HDI

1. **How do the three main components of the Human Development Index (HDI) vary across different regions?**

Are there notable differences in Education Index, Life Expectancy Index, and Income Index scores among regions?

Visualization: Creating a Grouped Bar Chart in Tableau for HDI Components by Region

1. **Country-Level HDI Ranking**

Which countries are in the top and bottom 10 of the HDI rankings for the most recent year available?

Visualization: Use a bar chart to display the HDI values of the top and bottom 10 countries.

1. **HDI Distribution by Region**

How does HDI distribution vary across different regions?

Visualization: Create a box plot to compare the distribution of HDI scores across regions.

1. **Education Index vs. HDI**

Is there a correlation between the Education Index and overall HDI scores?

Visualization: Use a scatter plot to analyze the relationship between the Education Index and HDI.

1. **Life Expectancy Analysis**

Which countries have seen the most significant improvement in life expectancy over the past decade?

Visualization: Create a line chart or a bar chart showing the countries with the most significant changes in life expectancy.

1. **Income Index Comparison**

How does the Income Index compare among high, medium, and low HDI countries?

Visualization: Use grouped bar charts to compare the Income Index across countries categorized by their HDI (high, medium, low).

1. **Comparative Analysis of Components Contributing to HDI**

Which component (Education, Life Expectancy, or Income) has the most variability within each income level category?

Visualization: Create a series of box plots for each HDI component (Education Index, Life Expectancy Index, Income Index) across the specified income levels.

1. **Education Levels Across HDI Tiers**

How do average years of schooling and expected years of schooling compare across countries with different HDI tiers (e.g., very high, high, medium, low)?

Visualization: Use side-by-side bar charts or a multi-line chart to compare the average and expected years of schooling across HDI categories.