

## **OBJECTIVES :-**

1. Define the colour pallette for all plots?
2. Identify and display the top 10 countries with the highest total cases?
3. Calculate Mortality Rate for each country and add as a new column ?
4. Find the country with the highest Mortality Rate (for countries > 100,000 cases) ?
5. Create a new column for tests per 1000 people ?
6. Find the total number of tests in the top 10 countries by total cases ?
7. Find the number of countries with zero total cases ?
8. Identify the top 5 countries with the highest total recovered cases ?
9. Bar chart showing the top 15 countries by total cases ?
10. Horizontal bar chart for Mortality Rate of top 10 countries by total deaths ?
11. Scatter plot to visualize relationship between Total Cases and Total Deaths ?
12. Overlay a regression line on the scatter plot ?
13. Histogram of the Population column ?
14. Scatter plot for Tests\_per\_1000\_people vs. Total Cases (pop > 50M) ?
15. Create a box plot to show the distribution of total\_cases ?
16. Scatter plot with a log scale for Population vs Total Cases ?
17. Horizontal bar chart for the top 10 countries by active cases ?