Tasks for Data Visualization

1. **Load and Display Data → Read the dataset and print the first 5 rows.**
2. **Set the Dataset index is Unnamed: 0**
3. **Now replace the index column Unnamed: 0 name with index**
4. **Create Function that take dataset columns and replace whitespace with Underscore and update dataset automatically and the pass the dataset.**
5. **Check Basic Information → Find column names, data types, and missing values.**
6. **fill the nan values with the mean of the column**
7. **Count the number of unique countries in the dataset.**
8. **Check if there are any duplicate country entries and remove them if needed.**
9. **Find the mean, median, and standard deviation of total cases.**
10. **Find out the string in Deaths Column and replace it with the mean of Deaths column.**
11. **Change the datatype of column Deaths**
12. **Calculate total number of Death and Recovery all over the world**
13. **How many countries have more than 1 million total cases**
14. **Which countries have a recovery rate (Recovered / Total Cases) above 95%**
15. **Drop columns name WHO Region and Confirmed**
16. **Find the Country with the Max Deaths**
17. **Sort Countries by Deaths (Descending Order)**

18. **Make new column name Total_cases that have a sum of Deaths, Recovered , Active**

19. **Calculate Death_Rate for Each Country (Deaths per Total Cases) by suing formula (Desths/Total_cases)*100 and save it in Dath_Rate column**
20. **Identify countries where total cases are increasing but death rates remain low.**
21. **print head of only 2 columns Country/Region and Death_Rate**
22. **Create a scatter plot comparing total cases and total deaths.**
23. **Save dataset in CSV format.**