# COVID 19 ANALYSIS

## 1. General Trends & Comparisons

- Which countries have the **highest and lowest confirmed cases**?
- What is the **global recovery rate** compared to the death rate?
- Which **WHO regions** have the highest COVID-19 cases and death rates?
- How do **new cases compare to active cases** in different regions?
- What is the **trend of cases over the past week**? *(1-week change and % increase.)*
- Are there countries with a **higher recovery rate than confirmed cases increase**?

## 2. Mortality & Recovery Analysis

- Which countries have the **highest deaths per 100 confirmed cases**? *(Mortality rate.)*
- Which countries have the **highest recovered per 100 confirmed cases**? *(Recovery rate.)*
- Is there a **correlation between recovery rate and death rate**? *(Do high recoveries indicate lower deaths?)*
- What countries have the **highest deaths per 100 recovered patients**? *(How dangerous was the disease in certain areas?)*

## 3. New Cases & Trends Over Time

- Which countries are currently experiencing the **highest new cases per day**?
- How do **new deaths compare to new cases**? *(Which countries are handling new cases effectively?)*
- Are some countries experiencing a **decline in new cases** over the past week? *(Positive trends?)*
- Which WHO region has the **highest 1-week % increase in cases**? *(Fastest spreading region.)*
- Are there **countries where active cases are decreasing despite new cases?** *(Strong containment efforts?)*

## 4. Regional Insights & Health Response

- How does the COVID-19 trend vary between **WHO regions**? *(Africa vs. Europe vs. Asia, etc.)*
- Which countries are **outperforming others in recovery rates**? *(Best medical response.)*
- Are countries with **higher confirmed cases also having higher deaths?** *(Assessing healthcare strain.)*
- Which countries have **not reported new deaths despite new cases?** *(Possible strong treatments?)*