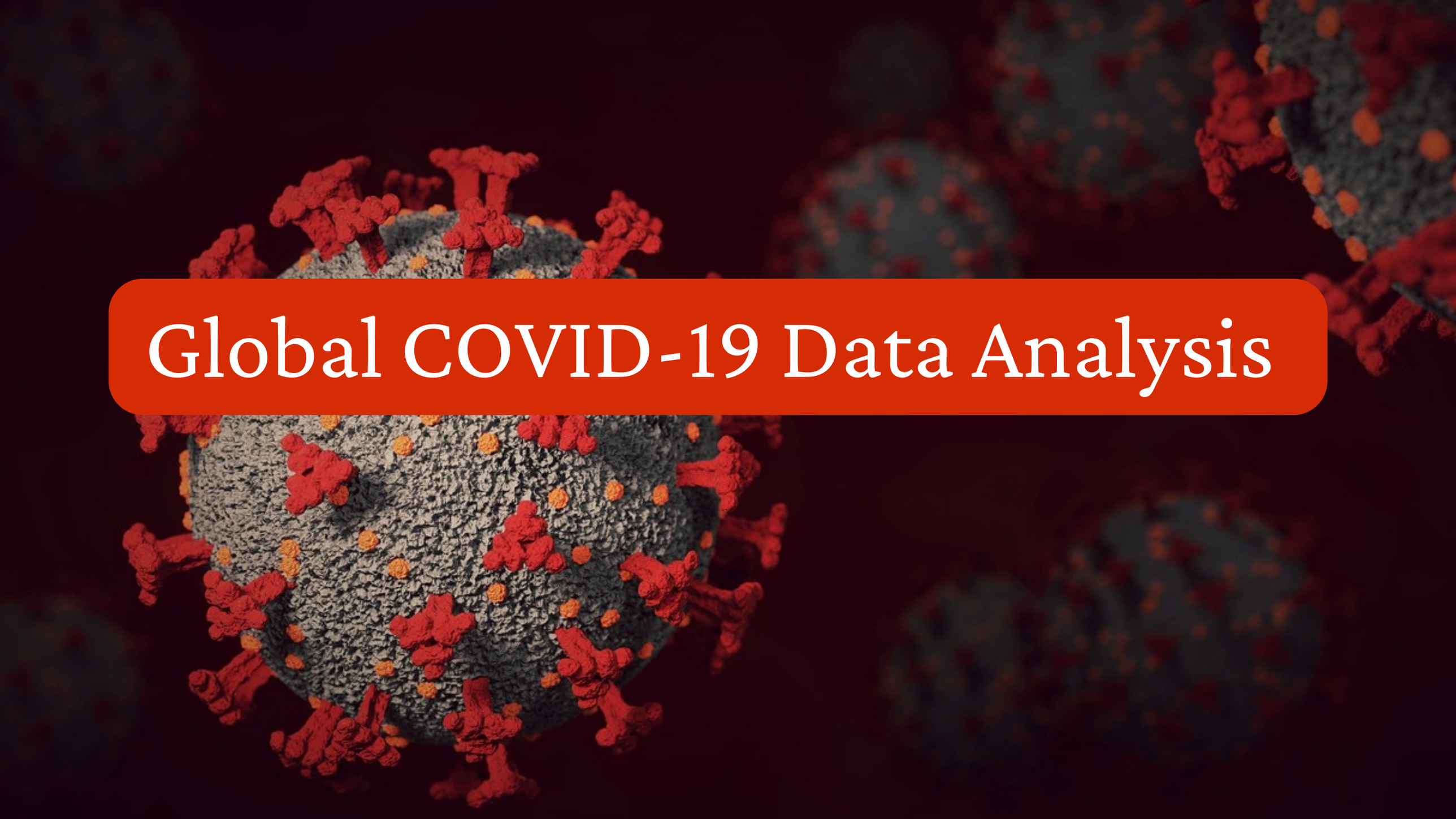

Global COVID-19 Data Analysis

INTRODUCTION

The "Global COVID-19 Data Analysis and Population Impact Study" is a comprehensive research initiative aimed at understanding the dynamics of the COVID-19 pandemic by analyzing testing and confirmed case data across multiple countries. This project employs a dataset encompassing key metrics, including the number of tests conducted, confirmed cases, the confirmed-to-tested ratio, tested population, and confirmed population ratio. The goal is to derive valuable insights into the impact of COVID-19 on diverse populations, assess testing effectiveness, and identify patterns in confirmed cases.

OBJECTIVE

Cross-Country Comparison:

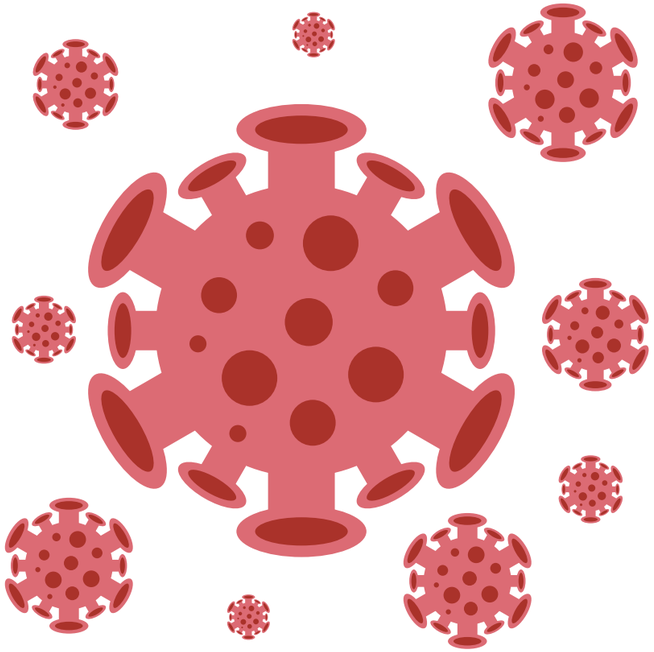
Conduct a comprehensive analysis of COVID-19 testing and confirmed case data across multiple countries.

Testing Efficiency Assessment:

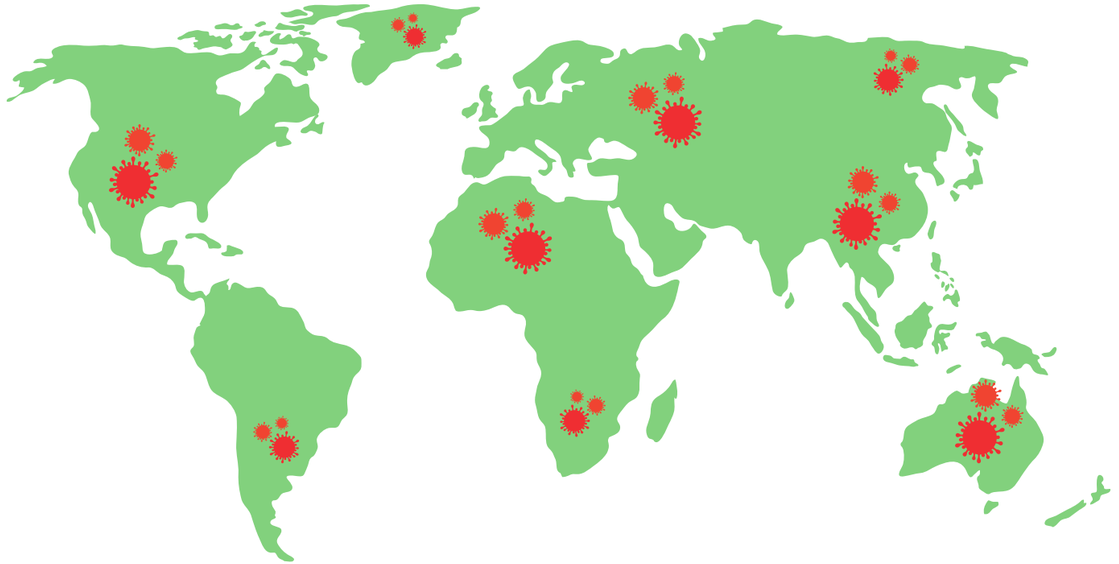
Evaluate the efficiency of COVID-19 testing efforts by analyzing the confirmed-to-tested ratio.

Create a Dashboard:

COVID-19 dashboard creation, analyzing testing and confirmed case data across multiple countries.



PROCESS



- Web Scrapping Data
- Data Transformation
- Data Cleaning and Pre-Processing
- Extracting Insights and Dashboard Creation

INSIGHTS

- Analyzing the top 5 countries highest affected by COVID

United States, India, France, Italy, United Kingdom.

- Analysis Highest Positive ratio (confirmed cases / tested) in the year.

2021

- 2022 In this year extremely versatile COVID cases analysis 84.9%.
- assuming 1% of the threshold is ‘confirmed population.ratio’ less than the threshold countries South Sudan, Angola, and Uganda.

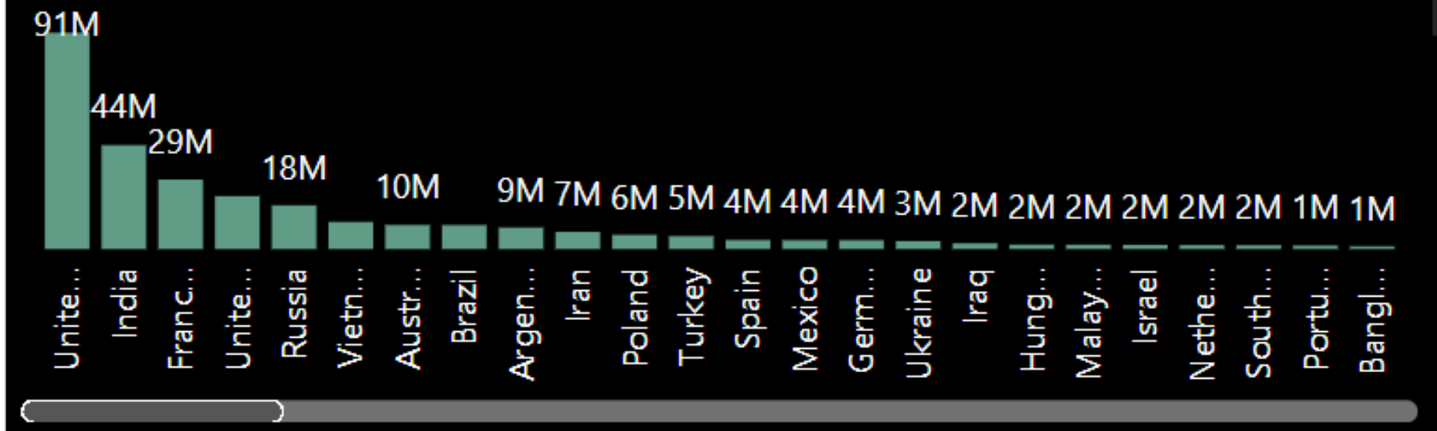
GLOBAL COVID-19 DATA ANALYSIS AND POPULATION IMPACT STUDY

31-07-2020 24-09-2022

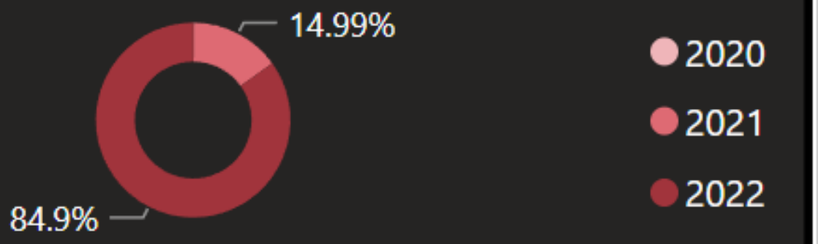
Countries

128

confirmed Cases by Country



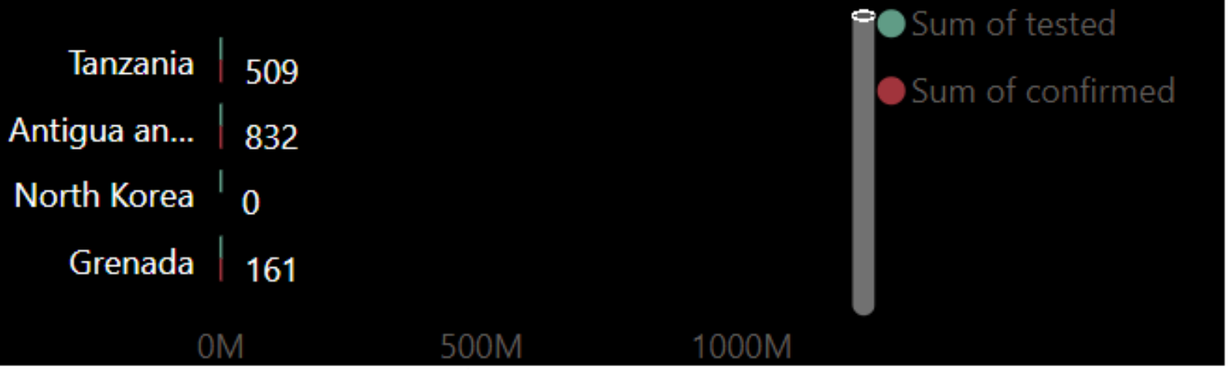
% confirmed cases by Year



Positive_ratio by Year

Average of confirmed_population_ratio by country

Tested Population of Confirmed Population by Country



Thank you!