

# COVID-19 DATA ANALYSIS (OUR WORLD IN DATA PROJECT)

A Python-based data analytics project exploring global COVID-19 trends through visualizations and metrics.

JUN 17 – 25, 2025

## Technologies Used:

Python, Pandas, Matplotlib, Jupyter Notebook, Git.

## FULL DESCRIPTION:

This project analyzes real COVID-19 data using Python libraries such as Pandas and Matplotlib. The goal was to clean, merge, and visualize large datasets to extract insights on infection rates, mortality, and vaccination trends. It also demonstrates reproducibility and clarity in data cleaning pipelines and plotting.

## Key Features / Achievements:

- ❖ Imported and cleaned CSV datasets from Our World in Data.
- ❖ Computed per-country averages and comparisons over time.
- ❖ Built automated visualizations of infection and vaccination trends.
- ❖ Documented every analysis step for full reproducibility.

## My Role:

Data Analyst — handled data cleaning, computation, and visualization creation.