

Project: COVID-19 Data Analysis

- **Objective:** Analyze COVID-19 data to track infection trends and recovery rates.
- **Dataset:** [Johns Hopkins COVID-19 Dataset](#)

Project Goals:

Data Collection:

- Import global COVID-19 case data.
- Ensure data accuracy by cross-checking multiple sources.

Data Exploration:

- Track daily infection rates and recoveries.
- Identify regional trends and high-risk areas.

Data Preprocessing:

- Fill missing values in infection reports.
- Convert date columns for time-series analysis.

Exploratory Data Analysis (EDA):

- Create line charts to show case growth trends.
- Use heatmaps to identify the most affected regions.

Feature Selection:

- Focus on key factors like population density and testing rates.

Conclusion:

Provide insights for better health policies and pandemic response strategies.