# COVID-19 Clinical Trials EDA

**Data Cleaning & Preparation**

- Remove duplicates, blanks, and irrelevant columns

- Fix inconsistent formatting (dates, case, spacing, etc.)

- Standardize categorical values

**Exploratory Data Analysis (EDA)**

- Summaries (number of studies, countries, sponsors, etc.)

- Distribution of study phases and statuses

- Timeline analysis of trials over months or years

**Visualization Dashboard (Excel Charts)**

- Bar/Column charts for study status

- Pie charts for study phases

- Trend chart for number of studies over time

- Country-wise heatmap

**Pivot Tables & Insights**

- Top sponsors or organizations

- Most common intervention types

- Studies by condition or phase