

# Impact of COVID-19 on Unemployment Rate in India

## Introduction

Unemployment rate measures the percentage of the labor force that is unemployed. This project analyzes unemployment trends in India during the COVID-19 pandemic using real-world data.

## Dataset Description

The dataset is sourced from Kaggle and contains monthly unemployment statistics for Indian states, including unemployment rate, employment figures, and labor participation rate.

## Exploratory Data Analysis

Visual analysis shows a sharp rise in unemployment during the 2020 lockdown period. State-wise analysis highlights regions with higher job losses. A comparison of pre-COVID, during-COVID, and post-COVID periods indicates gradual recovery.

## Key Findings

- Unemployment peaked in 2020
- Significant state-wise variation observed
- Recovery started post-COVID but not fully normalized

## Conclusion

COVID-19 had a strong negative impact on employment in India. While recovery trends are visible, long-term effects on the job market remain.