

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.