

# How This Analysis Helps Policymakers

Through this analysis, I provide valuable insights for policymakers, offering a data-driven perspective on inflation trends to support economic planning, monetary policy decisions, and inflation control measures.

By examining the steady rise in CPI, I highlight the persistent nature of inflation and the need for long-term price stabilization strategies.

My calculations of the year-over-year inflation rate help track economic stability, allowing policymakers to adjust their strategies accordingly. I also focus on seasonality, identifying inflation spikes during festivals, agricultural cycles, and policy changes. Recognizing these patterns enables governments to implement timely interventions, such as subsidy adjustments, supply chain management, and consumer protection policies, to prevent excessive price fluctuations.

Using ARIMA-based CPI forecasting, I predict inflationary trends for the next five years, helping policymakers anticipate risks and take proactive measures like adjusting interest rates, planning fiscal policies, and managing currency reserves. Additionally, my analysis of major economic crises, such as those in 1991 and 2008, demonstrates how financial shocks impact inflation. Understanding these trends improves crisis preparedness, ensuring better responses to future economic disruptions.

To make these insights more accessible, I use data visualizations to present CPI trends, seasonal patterns, and forecasts in a clear and actionable way. By offering an evidence-based approach, my work supports informed policymaking, enhances transparency, and strengthens public confidence in economic policies. Ultimately, this analysis lays the groundwork for inflation control, economic stability, and sustainable growth.