

Global Central Bank Interest Rate Report in Tableau

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ABSTRACT

This project analyzes global central bank interest rate data from 1945 to 2026, covering monetary policy decisions made by central banks across different countries and regions. The dataset includes important information such as country names, policy interest rates, dates, and related economic indicators. By using this data, it becomes easier to study how interest rates have changed over time and compare monetary policies across the world.

The analysis shows that central bank interest rates have changed significantly over the years in response to different economic situations. During periods of high inflation, central banks generally increased interest rates to control rising prices. In contrast, during economic slowdowns, recessions, or financial crises, interest rates were often reduced to support economic growth and encourage spending. These trends demonstrate the important role central banks play in maintaining economic stability.

Comparing different countries reveals that monetary policy approaches vary across regions. Some countries have maintained relatively stable interest rates, while others have experienced larger fluctuations due to economic challenges, political factors, or

global events. The dashboard allows users to compare countries and observe how different central banks responded to similar economic conditions.

The time-based analysis also highlights how monetary policy has evolved through different periods, including post-war recovery, economic expansion, major financial crises, and recent inflationary periods. Interactive Tableau visualizations make it easy to explore specific countries, years, and interest rate movements, helping users better understand global economic trends.

Overall, this project provides valuable insights into long-term interest rate patterns and central bank decisions around the world. It demonstrates how Tableau can transform complex financial data into clear and meaningful visualizations, making the information useful for research, economic analysis, investment planning, and policy evaluation.