

# Economic Landscapes: Trends and Forecasts (Canada, China, USA)

Analysis of GDP, Inflation, and Unemployment (2010-  
Present)





# Agenda:



Executive Summary:



Exploratory Data:



Trends Analysis GDP, Inflation &  
Unemployment



Inflation vs. GDP: A Weak Link:



Forecasts:



Recommendations & Next Steps:

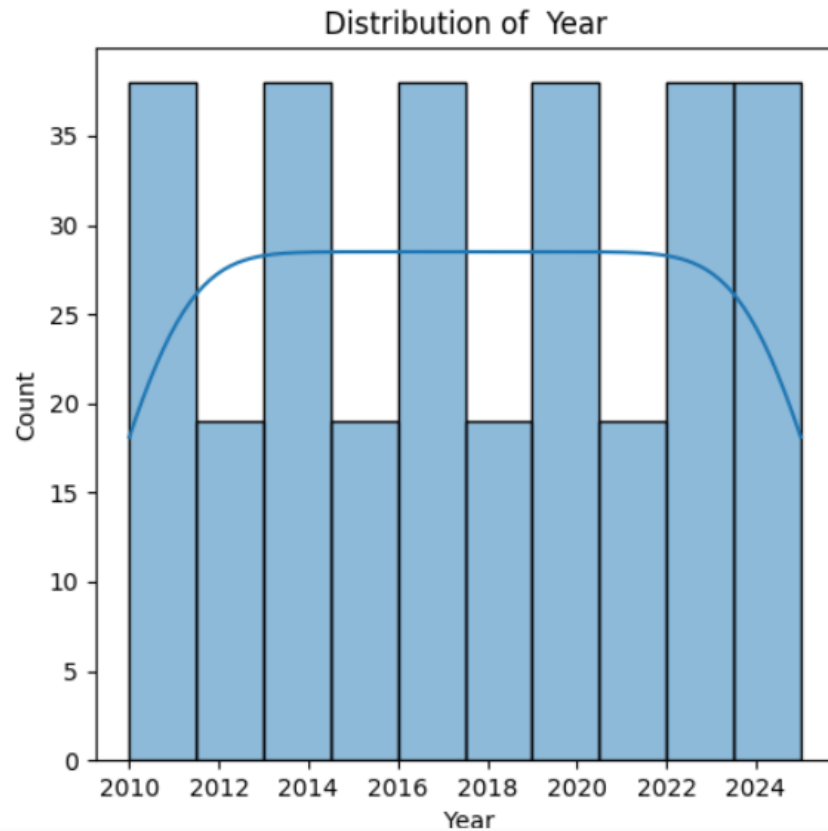
# Executive Summary:

**Divergent Economic Paths:** Global economic data (2010-2024) reveals diverse trends: India's growth/falling unemployment, Japan's stability, Turkey's volatility. Inflation proved a poor GDP predictor.

- **Forecasted Instability:** ARIMA models for China and the U.S. suggest continued short-term GDP and unemployment volatility, mirroring Canada's projected fluctuating GDP and unemployment despite moderating inflation.

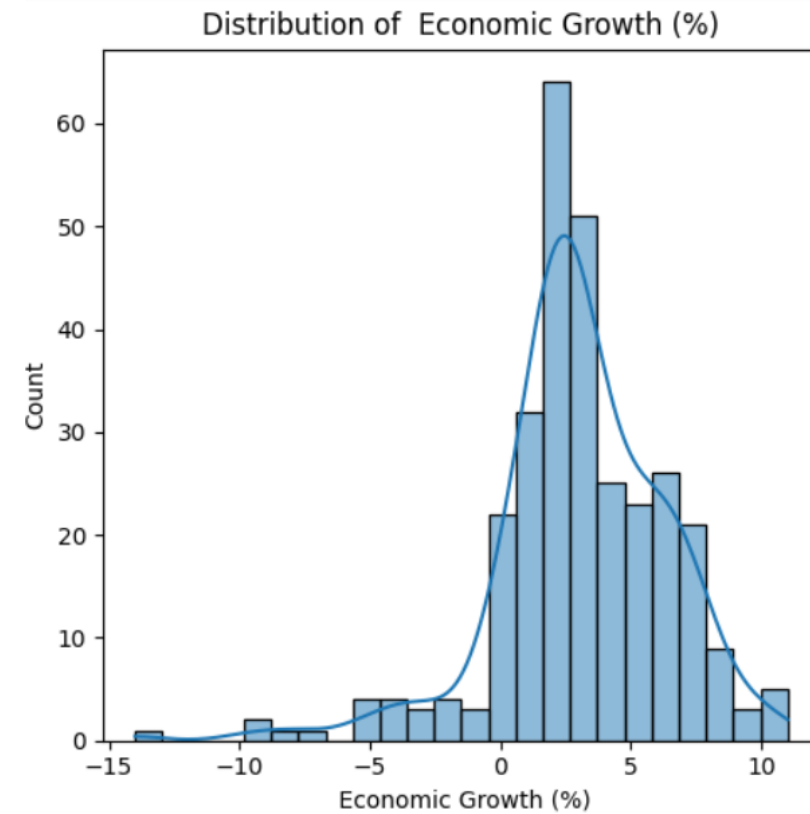
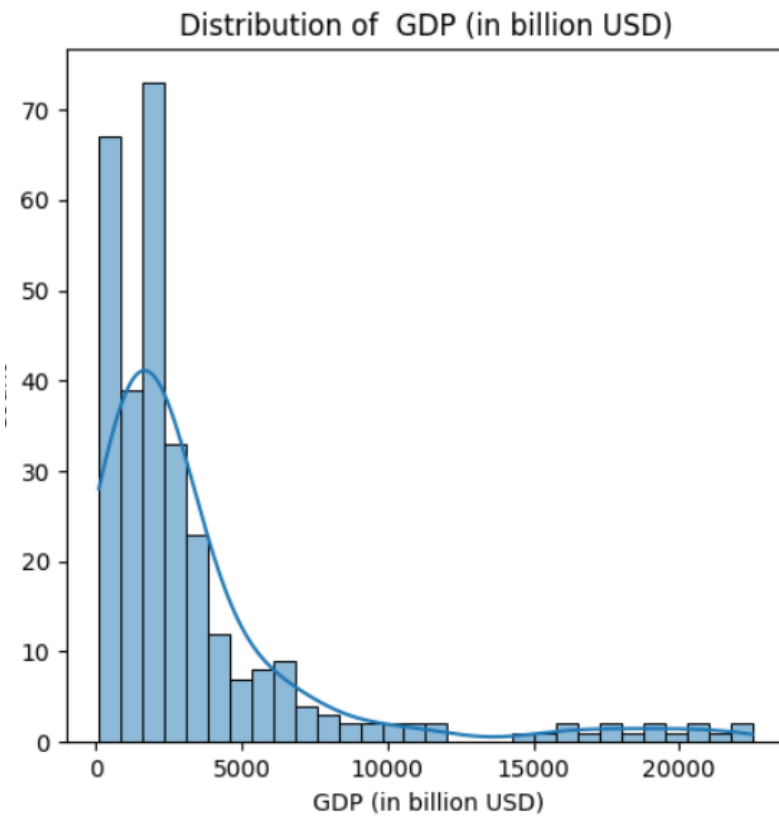
- **Country-Specific Dynamics & Uncertainty:** National economies exhibit unique, often unpredictable behaviors, emphasizing the need for tailored analysis and acknowledging the inherent limitations of economic forecasts.

# Exploratory Data:

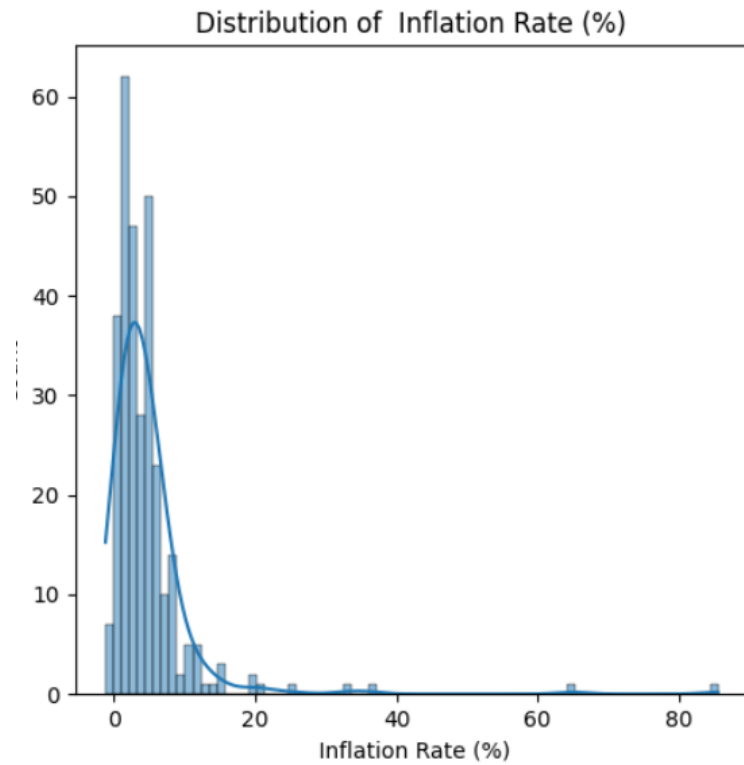
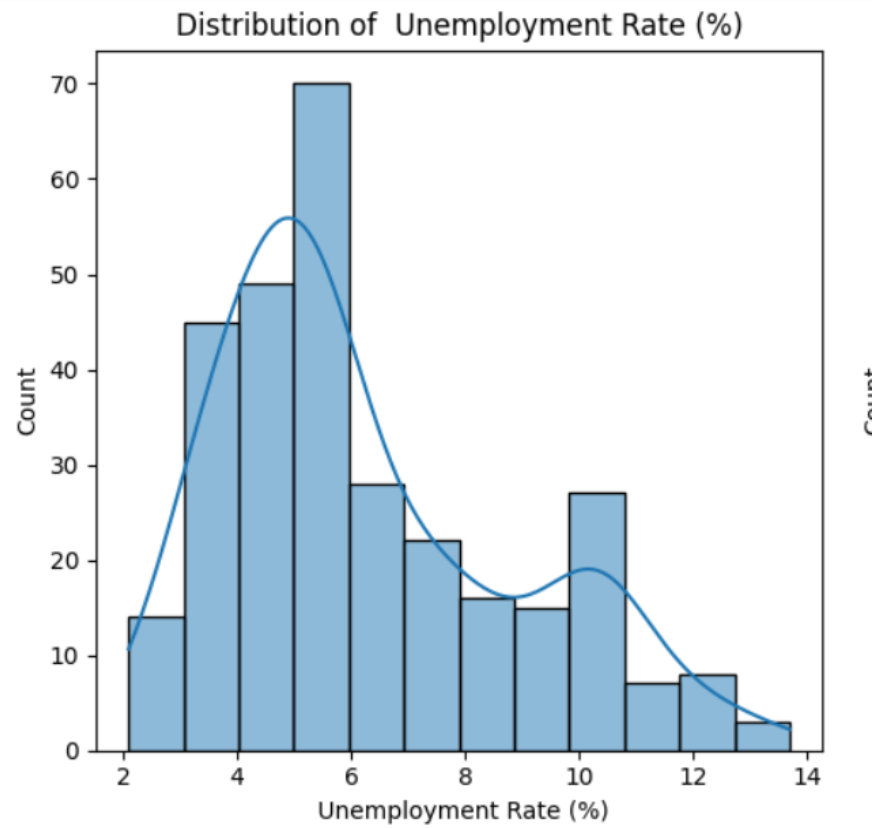


- Volatile GDP & Inflation (Outliers).
- Stable Unemployment.
- Symmetrical "Economic" Variable.

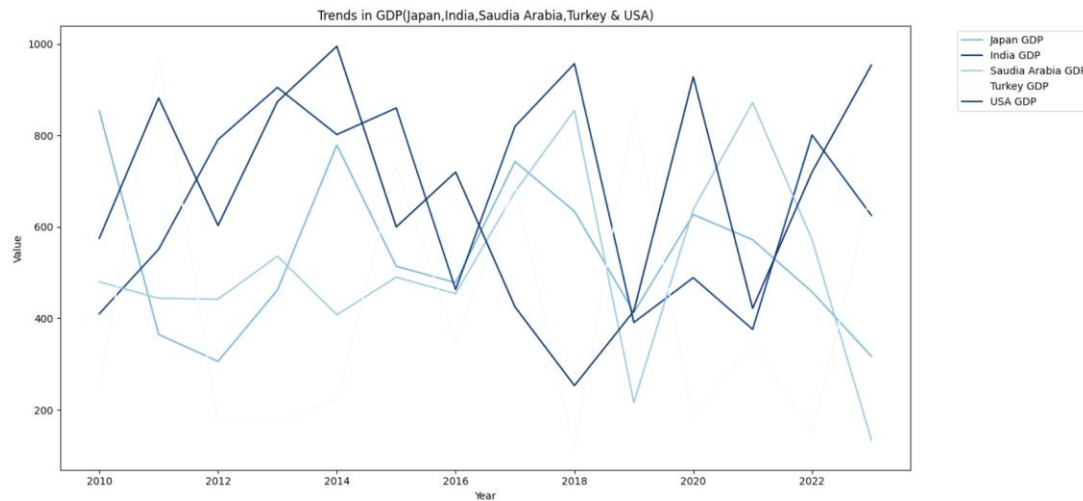
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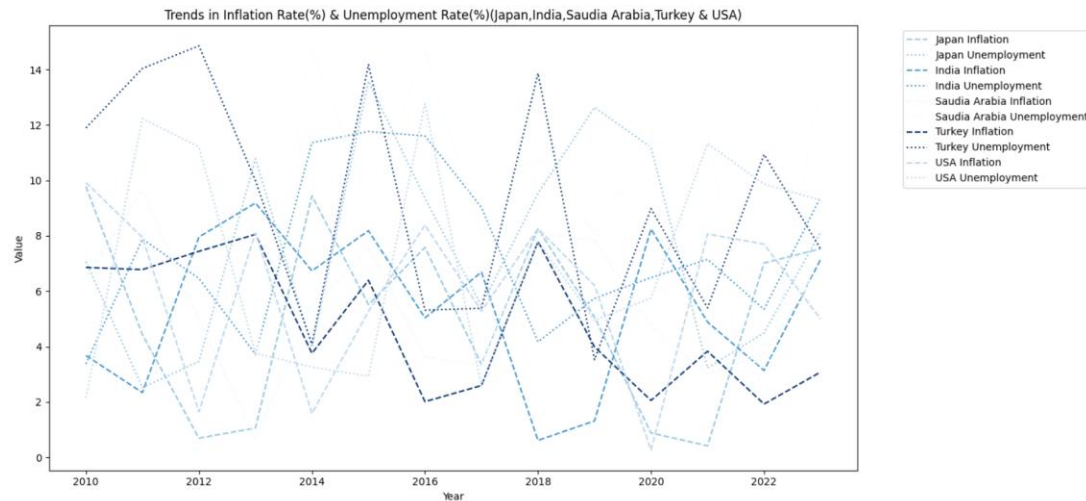


# Trends in GDP: Japan, India, Turkey, Saudia Arabia and USA:



- India: Fastest, Consistent GDP Growth.
- USA: Highest GDP, Upward Trend.
- Japan (Stable) vs. Turkey (Volatile) GDP.

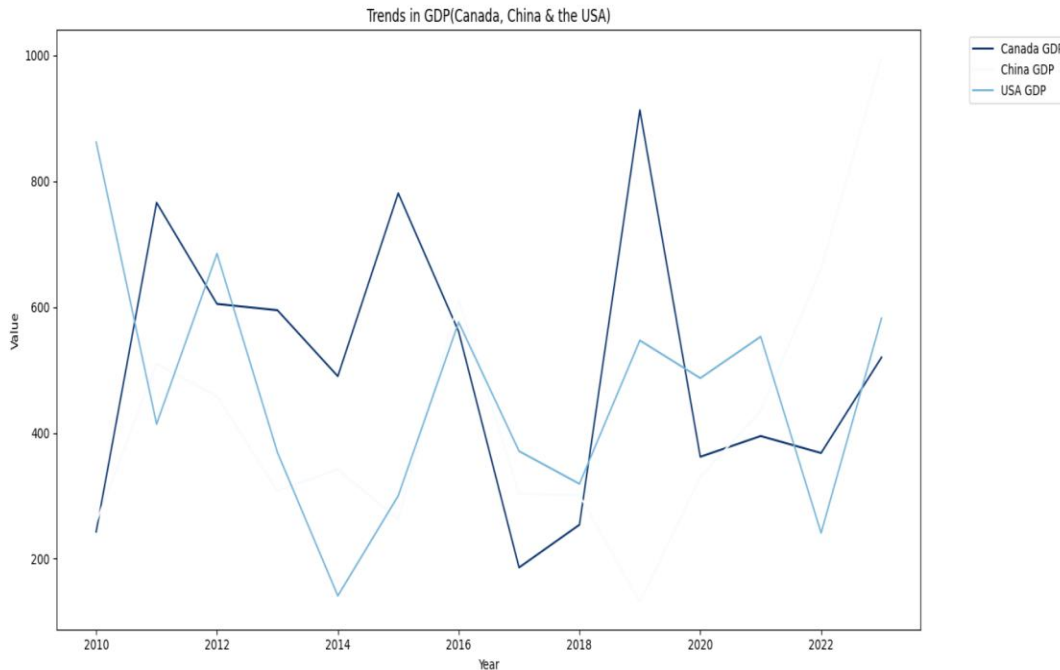
# Trends in Inflation & Unemployment: Japan, India, Turkey, Saudia Arabia and USA:



- Japan: Lowest Inflation & Unemployment.
- Turkey (High Inflation), USA (High Unemployment Peak).
- India's Volatility, Saudi Arabia's Moderation.

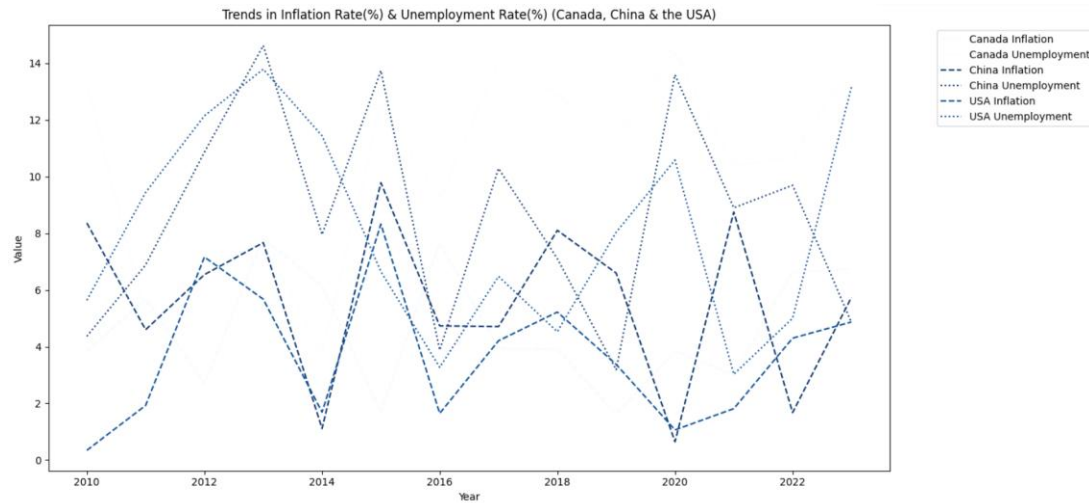


# Trends in GDP: Canada, China & USA:



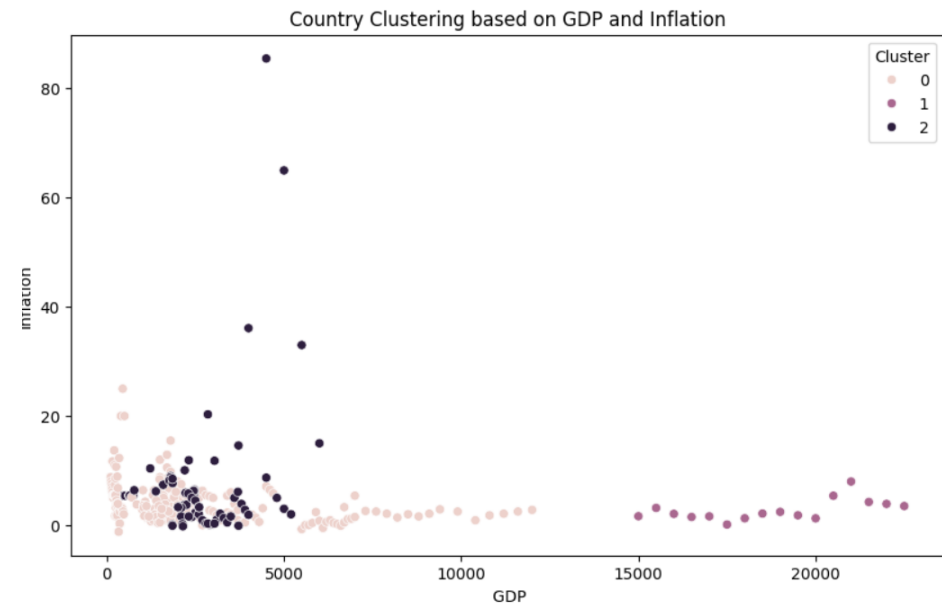
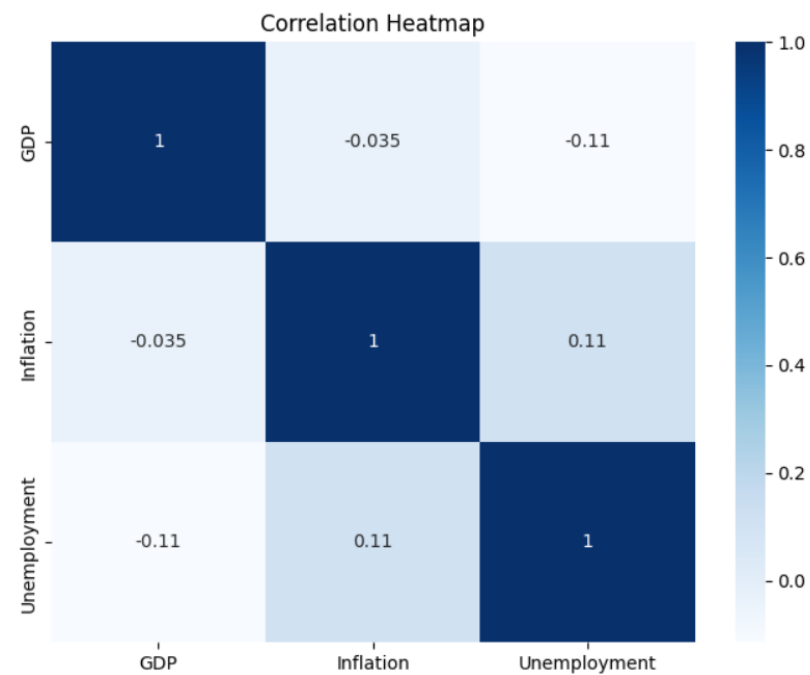
- China: Strong, Sustained GDP Growth.
- COVID-19: Sharp 2020 Contraction & 2021 Recovery (All).
- China's Expansion: Shifting Economic Sizes.

# Trends in Inflation & Unemployment Rate: Canada, China & USA:

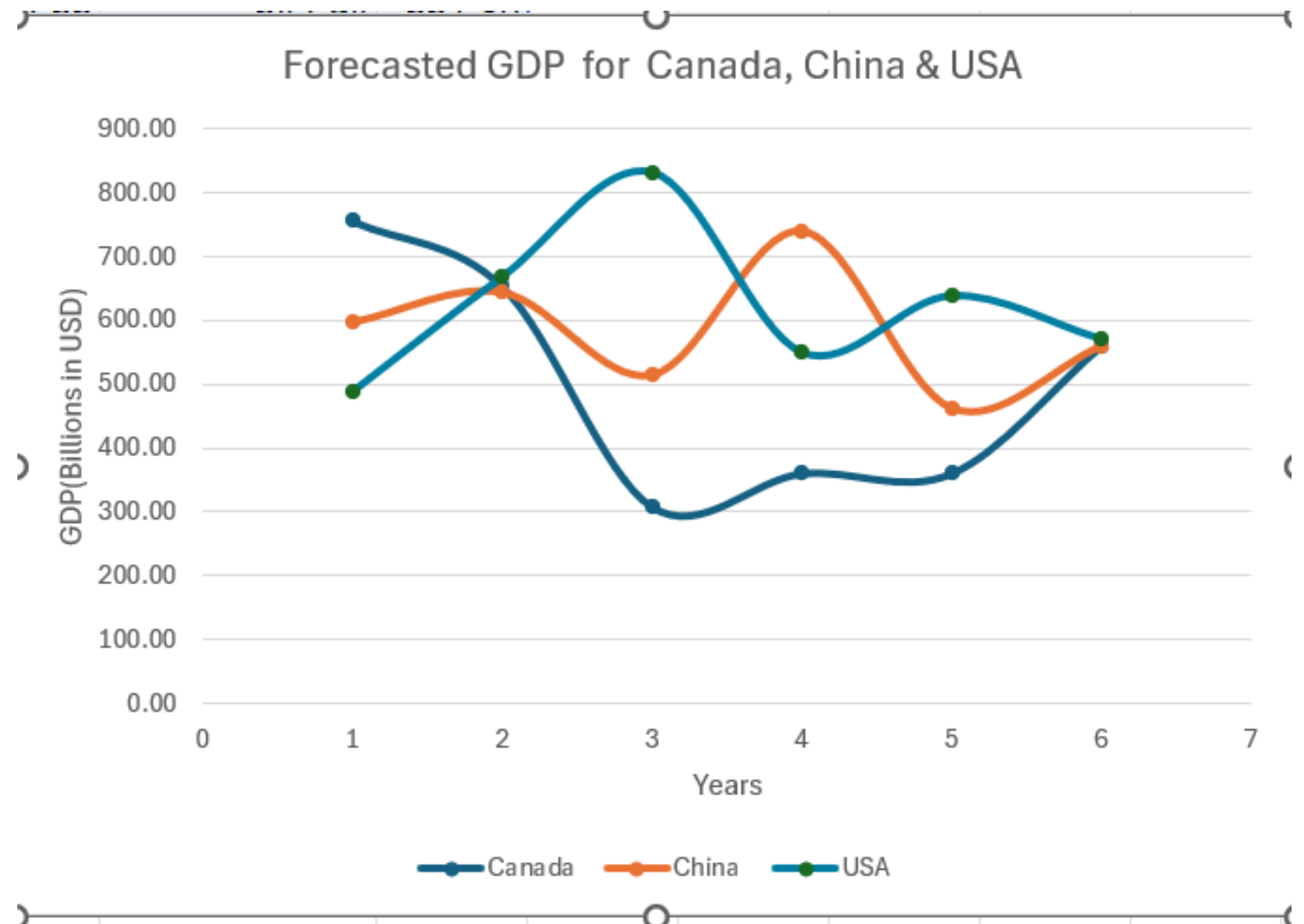


- Canada & USA: Recent Inflation Surge.
- China: Stable Low Inflation & Unemployment.
- Pandemic Impact: Unemployment Spikes (All).

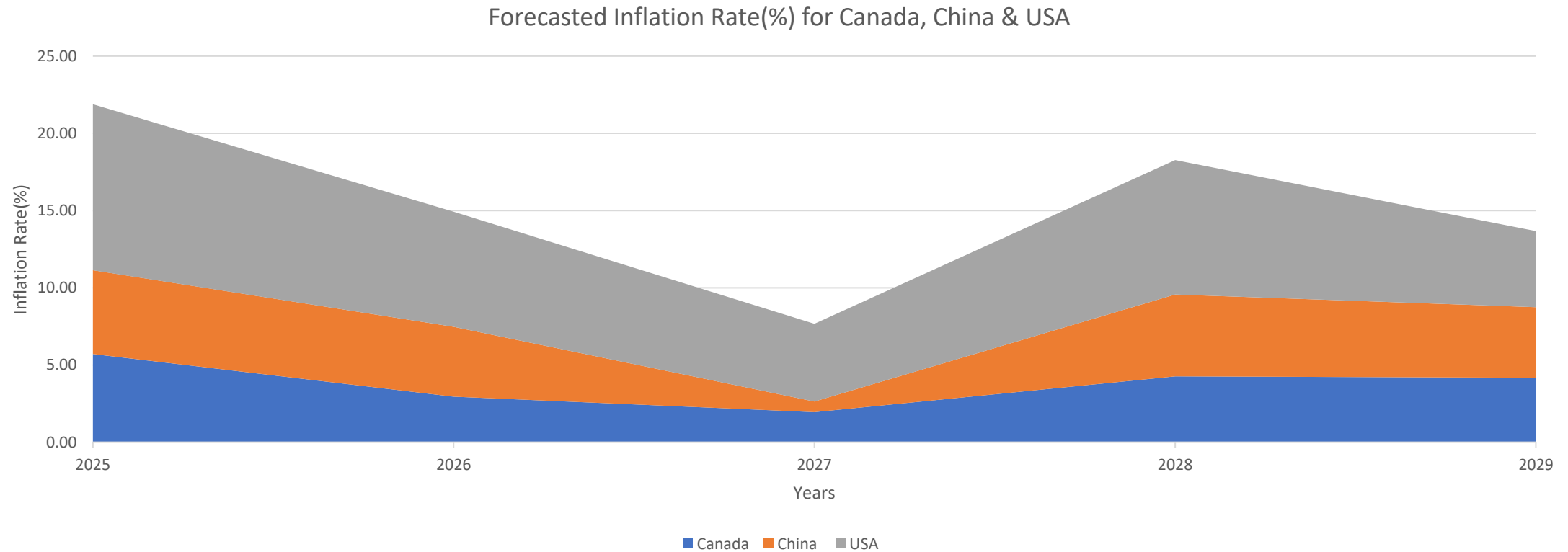
# Inflation vs. GDP: A Weak Link:



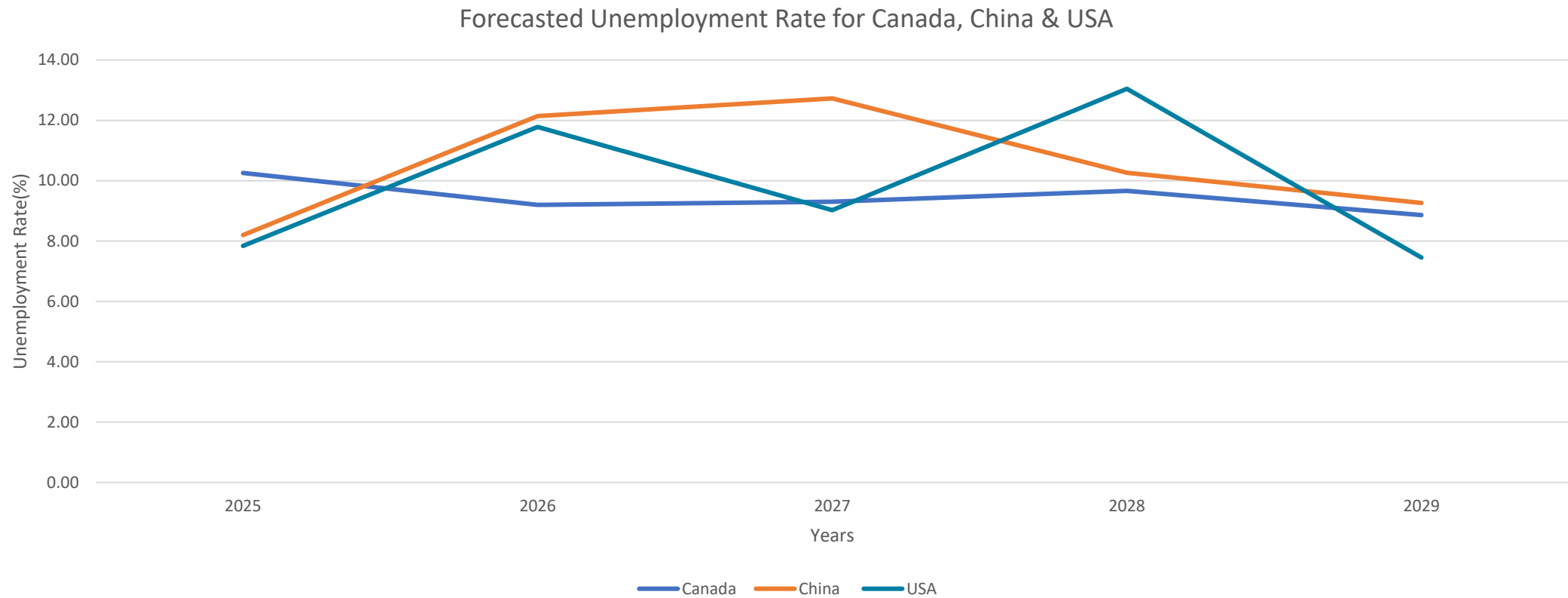
# Forecasted GDP for Canada, China & USA:



# Forecasted Inflation Rate(%)for Canada, China & USA:



# Forecasted Unemployment for Canada, China & USA:



# Recommendation & Next Steps: Analyzing Global Economic Trends:

- **Address Recent Inflation (Canada & USA):** Given the significant and recent surge in inflation in both Canada and the USA, prioritizing policies aimed at bringing inflation back to target sustainably is crucial for economic stability and the well-being of households and businesses.
- **Manage China's Growth Transition:** As China's economic growth moderates, ensuring a smooth and sustainable transition towards a more balanced model driven by domestic consumption and innovation will have significant global implications.
- **Invest in Long-Term Competitiveness (Canada & USA):** For sustained economic prosperity, both Canada and the USA need to focus on policies that enhance their long-term competitiveness through investments in areas like technology, infrastructure, education, and skills development.
- **Promote Stable Trade Relations (Canada, China, USA):** Given the deep economic interdependencies among these three major global economies, maintaining stable and predictable trade relations is vital for overall global economic stability and growth.