Global Inflation Rates from 2002 to 2022 by Continent: Questions

**Descriptive Analysis:**

1. What is the average, median, range, standard deviation, variance of the global inflation rates across the world?
2. What sectors are most vulnerable to inflationary pressures globally?
3. What are the primary factors driving inflation in various regions?
4. Are there any outliers in the dataset of global inflation rates?
5. What is the distribution shape of global inflation rates (e.g., normal, skewed)?
6. How might current economic conditions influence future inflation rates globally?
7. What sectors are most vulnerable to inflationary pressures globally?
8. What are the predicted inflation rates for different regions (e.g., Asia,Europe, Africa) over the next few years?

**Time Series Analysis:**  
4. How has the global inflation rate changed over the year 2002-2022? What are the trends in inflation rates for individual countries over time?

1. How did the COVID-19 pandemic change inflation rates around the world, and how did these changes differ between different regions and industries?
2. What factors (e.g., commodity prices, exchange rates, political stability) are significant predictors of inflation rates?
3. **Which countries are predicted to have the highest and lowest inflation rates in the upcoming decade?**

Overview and Purpose of Project

Inflation, which measures how quickly prices for goods and services rise, ultimately reducing purchasing power, is a crucial economic indicator. Understanding global inflation trends offers valuable insights into economic stability and the overall health of economies worldwide. This project aims to analyze and compare inflation trends across the continent for a 20-year span, identify key drivers, assess the impacts of these trends and explore potential policy responses. By doing so, we hope to provide a comprehensive understanding of inflation's role in the global economy and how it can be managed effectively.

Team Member Tasks- Love Lorissaint- Kim Aissa Data organization

Powerpoint creation- Liseth Rubio

SQL- Derilee Walters & Sacide Belair

References: [Global Inflation Dataset - (1970~2022) (kaggle.com)](https://www.kaggle.com/datasets/belayethossainds/global-inflation-dataset-212-country-19702022)

[country to continent (kaggle.com)](https://www.kaggle.com/datasets/statchaitya/country-to-continent)