

Business Question and Visualization Report

Date	15 July 2025
Team ID	SWUID20250183879
Project Name	Power BI Inflation Analysis
Maximum Marks	5 Marks

Visualization development refers to the process of creating graphical representations of data to facilitate understanding, analysis, and decision-making. The goal is to transform complex datasets into visual formats that are easy to interpret, enabling users to gain insights and make informed decisions. Visualization development involves selecting appropriate visual elements, designing layouts, and using interactive features to enhance the user experience. This process is commonly associated with data visualization tools and platforms, and it plays a crucial role in business intelligence, analytics, and reporting.

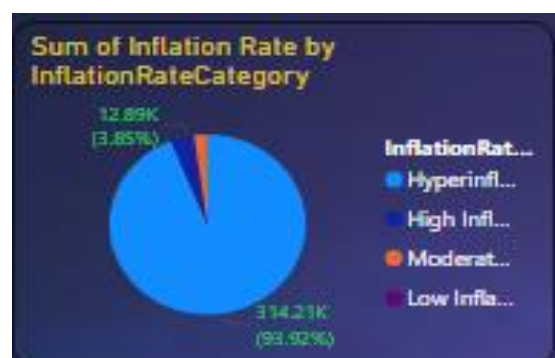
Business Questions and Visualisation

The process involves defining specific business questions to guide the creation of meaningful and actionable visualizations in Power BI. Well-framed questions help in identifying key metrics, selecting relevant data, and building visualisation that provide insights.

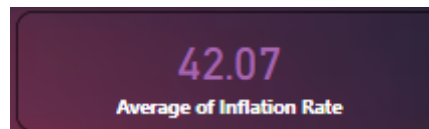
What is the total (sum) of inflation rates across all countries for each year?



calculate the total (sum) of Inflation Rates grouped by Inflation Rate Category in Power BI?



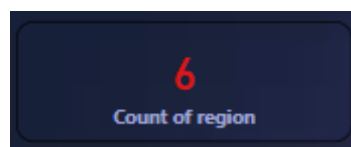
calculate the average inflation rate across all countries



find the maximum inflation rate recorded in the dataset



count the number of distinct regions represented in my global inflation dataset in Power BI?"



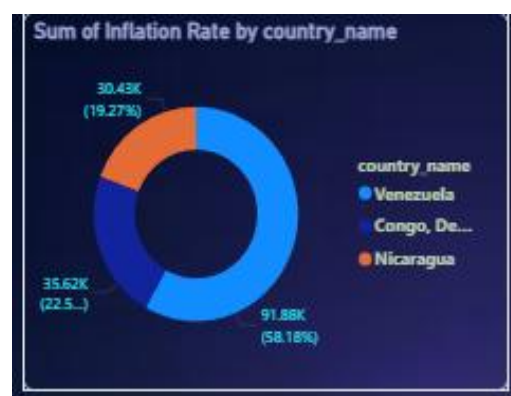
calculate the total (sum) of year-over-year inflation rate changes across all countries or regions in Power BI?"



calculate and display the average inflation rate by region in Power BI?"



I calculate the sum of inflation rates by country and display the top 3 countries with the highest total inflation in Power BI?"



calculate the total (sum) of inflation rates grouped by Inflation Rate Category in Power BI?”



calculate the sum of Inflation Rate and Adjusted Inflation Rate grouped by Year in Power BI?”

