



Global Finance & Economy Dashboard

Dataset Used

Dataset: **Global Finance Data** (from Kaggle)

Features included:

GDP Growth Rate (%)

Inflation Rate (%)

Market Capitalization (Trillion USD)

Oil Price, Gold Price

Export & Import Growth (%)

FDI (Foreign Direct Investment) & Current Account Balance

Government Debt

Unemployment Rate

Stock Index & Credit Rating

Country

Data Preparation (Power Query)

I used **Power Query in Power BI** to clean & prepare data:

Removed duplicates & handled null values

Converted data types:

Country → Text

GDP, Inflation, Market Cap, Debt → Numeric

Credit Rating & Stock Index → Categorical

Created DAX measures for KPIs:

Avg GDP Growth = AVERAGE(GDP_Growth_Rate)

Avg Inflation = AVERAGE(Inflation_Rate)

Total Market Cap = SUM(Market_Cap_Trillion_USD)

Total Government Debt = SUM(Government_Debt)

KPIs (Cards at Top of Dashboard)

To summarize the dataset at a glance, I created KPI cards for:

Average GDP Growth Rate (%)

Total Market Capitalization (Trillion USD)

Oil Price (USD/barrel)

Average Inflation Rate (%)

Government Debt (Billion USD)

These give stakeholders a quick snapshot.

Slicers (Interactivity)

I added slicers to make the dashboard interactive:

Country → filter indicators by country

Credit Rating → view based on financial ratings

Stock Index → filter by selected stock markets

Charts & Visualizations

The dashboard includes:

Export vs Import Growth → Clustered Column Chart

Compare trade balance of countries

FDI vs Current Account Balance → Clustered Column Chart

Shows investment vs stability

Government Debt → Gauge Chart

Visualizes overall debt levels

Unemployment Rate by Country → Bar Chart

Compare labor markets

Inflation Trend → Line Chart

Track inflation over time

- Blue theme applied consistently
- KPIs at the top, charts in middle, slicers on left



Insights from Dashboard

From the analysis:

- Some countries show higher imports vs exports → trade deficit risk
- High inflation spikes in certain countries (economic instability)
- Unemployment is highest in South Africa (29%), others much lower
- Government debt remains high in several nations
- FDI inflows don't always cover deficits → economic risk

Conclusion

- The dashboard integrates multiple economic & financial KPIs
- Provides a single view of global economy
- Helps business stakeholders, investors, policymakers

Thank you