Macroeconomic Researcher Food Security Time Series and Large Language Chat GPT Dashboard - HTML Features

- Country Selector – Able to select following countries (at minimum)
  - China
  - India
  - USA
- Should be able to render time series
  - X-axis: Year
  - Y Axis: Either USD ($) Value or Percentage (%)
  - Should be able to select years on the time series
- Support Network and Local Mode
  - REST Deployment
  - Able to support Local mode also (hint: to have SQL Database as part of local storage)
- Drag and Drop
  - Able to drag and drop particular indicator on to Graph and should append indicator to the main graph
- Annotation Support
  - Should be able to add notes on the graph
- Natural Language Interaction with Data
  - State of Food Security and Nutrition in the World 2023
- Personas
  - ECON Researcher
    - More annotation
  - Govt. Representative

The State of Food Security and Nutrition 2023

In an increasingly urbanized world grappling with the aftermath of a global pandemic and major geopolitical conflicts, our global food systems face unprecedented challenges. The State of Food Security and Nutrition in the World 2023, launched on 12 July 2023, provides a comprehensive overview of these complexities. This report captures the state of global hunger, malnutrition, and the rapidly changing dynamics of food security. Urbanization, once thought to blur the lines between rural and urban food accessibility, is now drastically reshaping food systems and affecting the availability and affordability of healthy diets.

https://data.unicef.org/resources/sofi-2023/

The State of Food Security and Nutrition in the World 2023 - Chat GPT Dashboard - HTML Features

Prompts

- List major Food insecurity reason in 2023
- Explain malnutrition in war zones
- Explain increase prices impact on food security

Economic and Social Sustainability of Marginalized and Highly Vulnerable communities

List major Food insecurity reason in 2023 from within the context of State of Food Security and Nutrition in the World 2023 report.

List major Food insecurity reason in 2023 from within the context of State of Food Security and Nutrition in the World 2023 report.

Explain malnutrition in war zones from within the context of State of Food Security and Nutrition in the World 2023

Explain malnutrition in war zones from within the context of State of Food Security and Nutrition in the World 2023

Type a new question (e.g. does my plan cover annual eye exams?)

Years

1990   1995   2000   2010   2020

20d 1h

Macroeconomic (USD)

GDP (USD)

FDI Inflows (USD)

FDI Outflows (USD)

Import/Export Flow

Annotation

GDP

60
50
40

2000   2010   2020

FDI Outflows

60
50
40

2000   2010   2020

FDI Inflows

50
40

2000   2010   2020

Import-Export

Macroeconomic Researcher Food Security Time Series and Large Language Chat GPT Dashboard

Macroeconomic (USD)
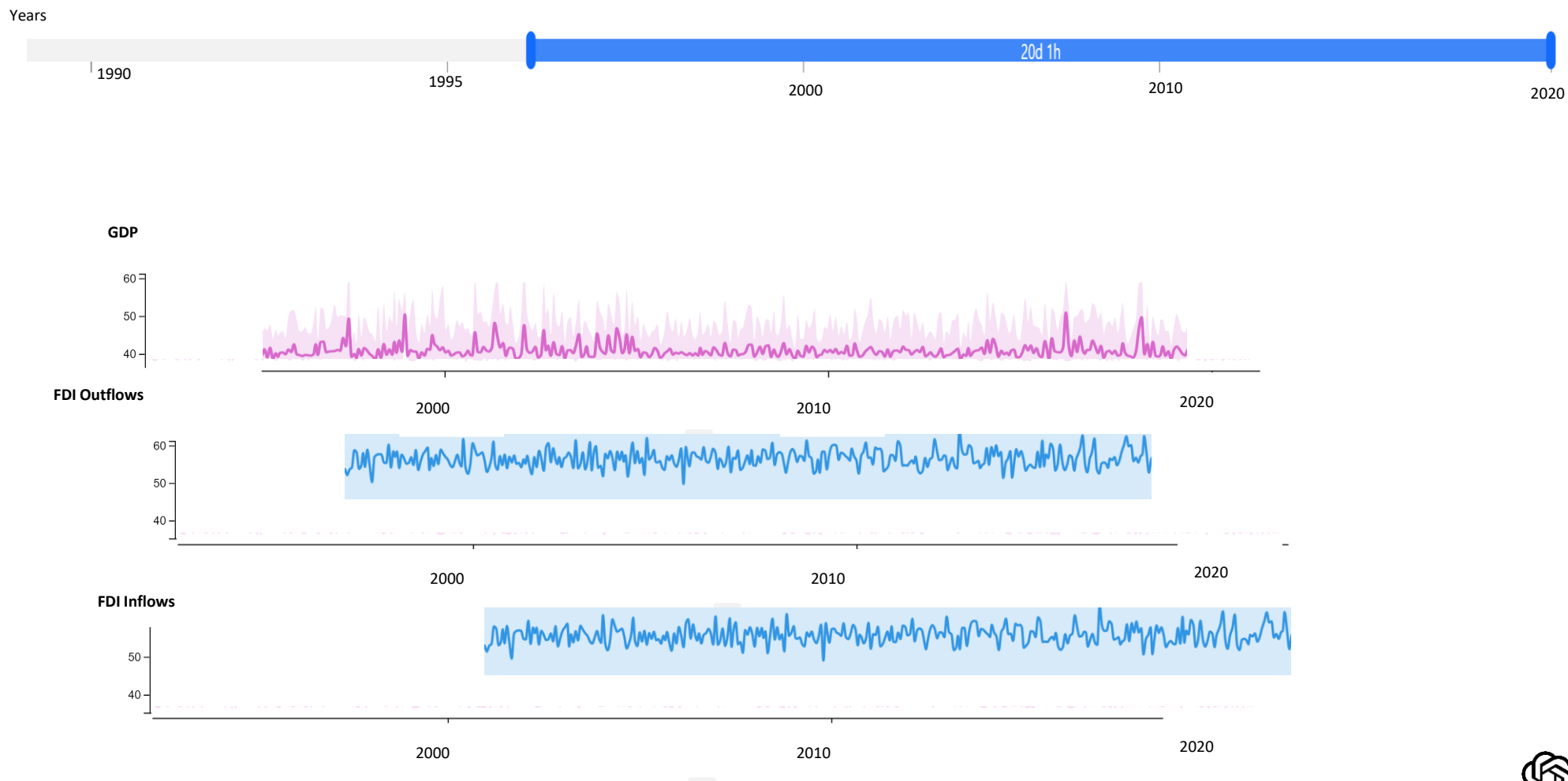
    GDP (USD)

    FDI Inflows (USD)

    FDI Outflows (USD)

Agricultural

    Contribution of Agri (% GDP)

    Credit

    Fertilizers

    Fertilizers PROD

Import/Export Flow

Import-Export

Years

1990   1995   20d 1h   2000   2010   2020

GDP

60
50
40

2000   2010   2020

FDI Outflows

60
50
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2000   2010   2020

FDI Inflows

50
40

2000   2010   2020

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Macroeconomic (USD)

∨ Gearbox System

∨ Gearbox System

∨ Gearbox System

Agricultural

∨ Contribution of Agri (% GDP)
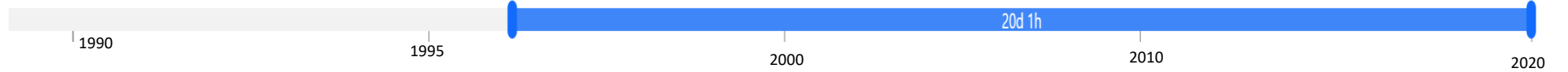
∨ Credit

∨ Fertilizers
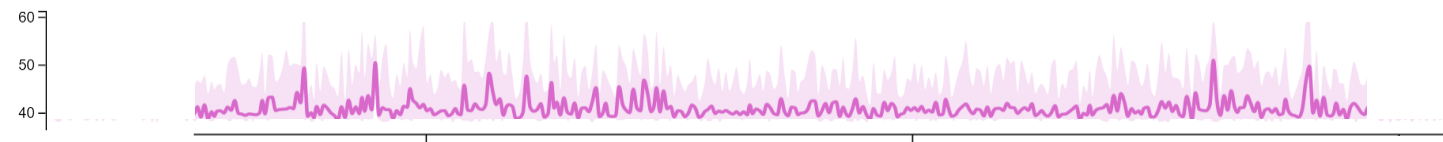
∨ Fertilizers PROD

Debt Services

Reserves

GNI

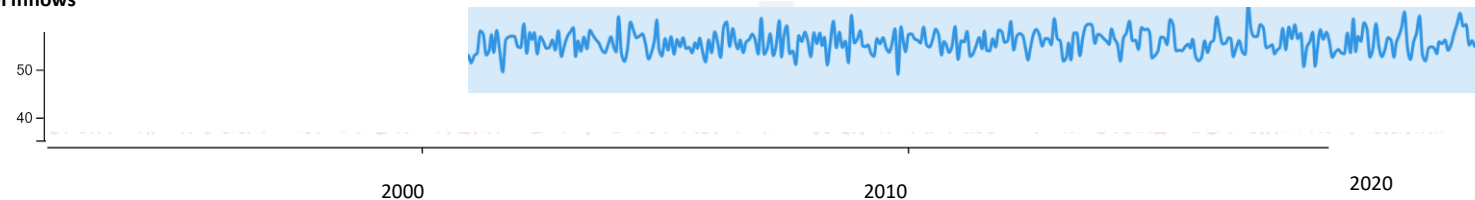Total Debt (%)

Import/Export Flow

Years

1990   1995   2000   2010   2020

20d 1h

GDP

FDI Outflows

FDI Inflows

Macroeconomic Researcher Food Security Time Series and Large Language Chat GPT Dashboard

Macroeconomic (USD)

   GDP (USD)

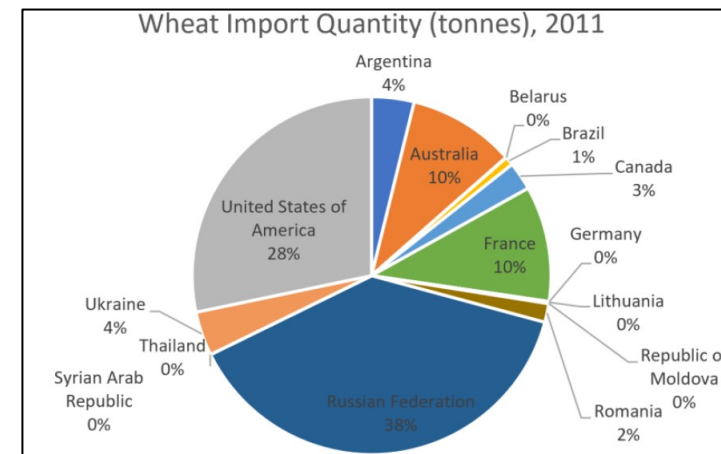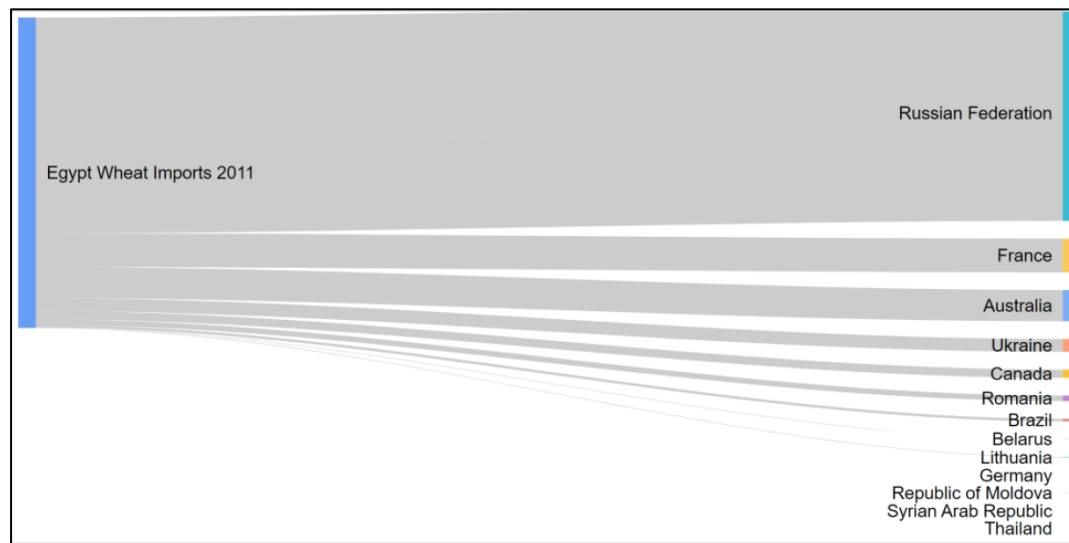   FDI Inflows (USD)

   FDI Outflows (USD)

Imports

Years

Drop Down

2023,2022,2021

Wheat   Rice   Corn

Russian Federation

Egypt Wheat Imports 2011

France

Australia

Ukraine

Canada

Romania

Brazil

Belarus

Lithuania

Germany

Republic of Moldova

Syrian Arab Republic

Thailand

Wheat Import Quantity (tonnes), 2011

Argentina 4%

Belarus 0%

Brazil 1%

Australia 10%

Canada 3%

United States of America 28%

France 10%

Germany 0%

Lithuania 0%

Ukraine 4%

Thailand 0%

Syrian Arab Republic 0%

Russian Federation 38%

Republic of Moldova 0%

Romania 2%

https://www.fao.org/emergencies/countries/en/