

DEVSHOUSE



Inflation Predictor

Team Name
Hackistan

Domain
FinTech



GDG on Campus



VIT[®]

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

CHENNAI

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Problem Statement

Inflation significantly impacts economic stability, affecting purchasing power, investment decisions, and policy-making. Traditional methods of predicting inflation rely on outdated economic models that may not effectively capture real-time trends and external factors

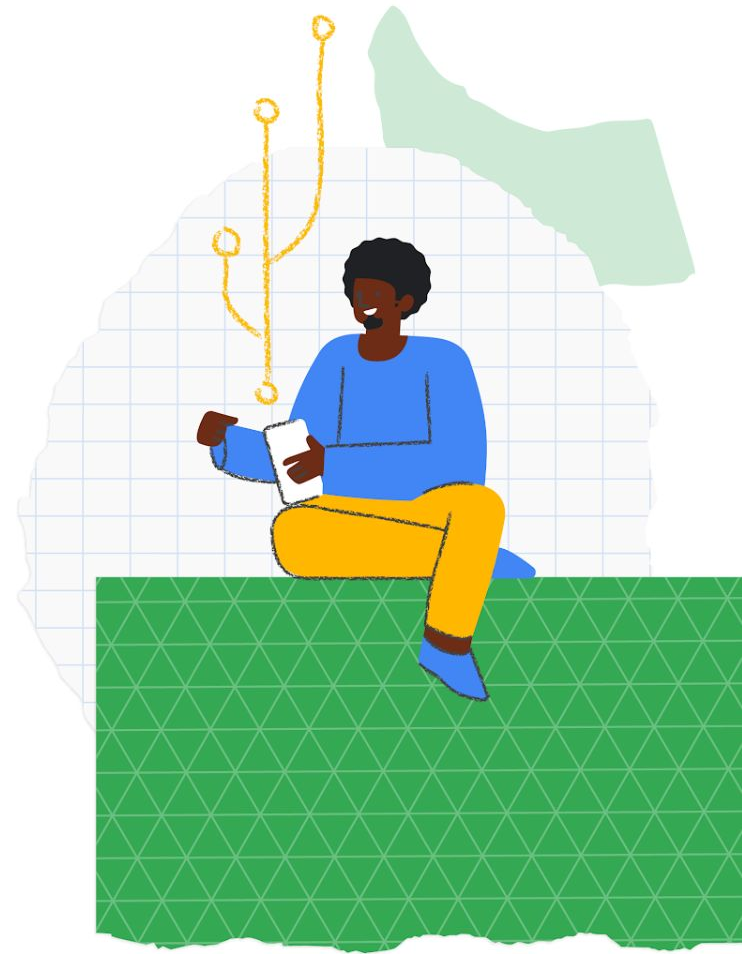


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Product Idea

Our project uses machine learning to analyze historical inflation data, macroeconomic indicators, and other relevant factors to provide accurate and real-time inflation forecasts. The system utilizes Python-based libraries like Scikit-learn, Pandas, and Matplotlib to train models and visualize trends, aiding businesses and policymakers in making informed financial decisions



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Additional Info

Pandas, NumPy



Matplotlib



Tkinter, Django



Accurate Inflation
prediction

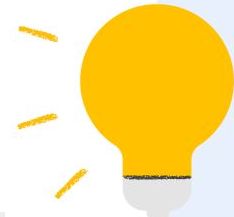


How Unique is it?

- Existing Work vs Coined Novelty

Government agencies and financial institutions use econometric models (e.g., ARIMA, CPI-based analysis).

Unlike traditional inflation prediction methods, our approach leverages real-time data processing and machine learning to improve accuracy.



Tech Stack

- Python
- Tkinter
- Django
- Matplotlib





Team Members

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