# Project Topic: Forecasting UK Macroeconomic Indicators using Three Centuries of Data

Dear Professor,

The following is our proposal for the final project for your Time Series class that meets on Tuesdays.

**Members:**
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We would like to propose a project focused on forecasting **UK GDP** using the rich dataset provided by the **Bank of England**, which covers three centuries of historical data. Our project aims to utilize this extensive dataset to develop accurate and reliable time series forecasting models.

Our approach will involve exploring the historical patterns and trends in the data, identifying any seasonality or long-term trends, and selecting appropriate forecasting techniques such as ARIMA, exponential smoothing, etc. We will assess the performance of different models using evaluation metrics such as Mean Squared Error (MSE) and relevant forecast accuracy measures.

By forecasting UK GDP, our project aims to provide valuable insights into the future trajectory of the economy and aid policymakers in making informed decisions.

[Link to our data.](#)

Sincerely,
Kshitij Mittal, Swathi Ganesan