Predictive Modeling of Nominal Gross Domestic Product (Gdp) in Current USD for India (2025-2030) Using Regression Training Analysis and Machine Learning

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Abstract: *This research focuses on the analysis of India's Nominal Gross Domestic Product (GDP) from 1993 to 2022, utilizing online data sources. Employing linear regression models in Python programming, the study seeks to unravel patterns and trends within the historical GDP Nominal (Current USD) data. The trained models are then leveraged to predict future trends in Nominal GDP, providing a valuable tool for understanding and forecasting economic trajectories. This research contributes to the broader goal of fostering sustainable socio-economic growth for a self-reliant Bharat.*

Keywords: GDP, Machine Learning, Linear Regression, Python Programming

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