

Read Me

This project focuses on forecasting NVIDIA stock prices using Facebook Prophet, covering data from April 15, 2024 to April 15, 2025. The model achieved a MAPE of 4.66% and an overall accuracy of 95.33%, highlighting its strong predictive performance. It includes data preprocessing, training a time series model, and evaluating predictions with relevant metrics. The project also features interactive visualizations using Plotly and explores components like trend and seasonality. Key features of the project include:

- Forecasting with Facebook Prophet
- Interactive visualizations using Plotly
- Evaluation using MAPE, MAE, and actual vs. predicted comparison
- Component analysis for trend and seasonality