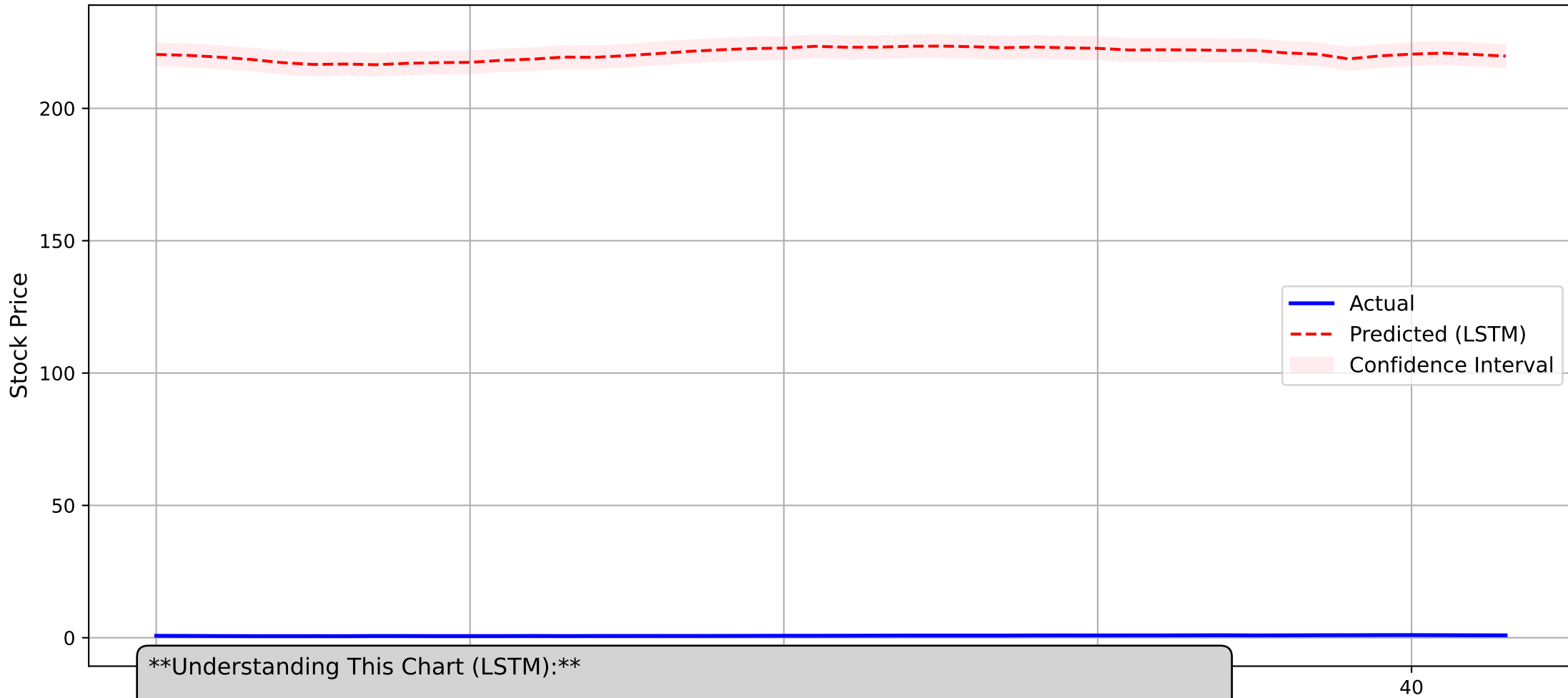


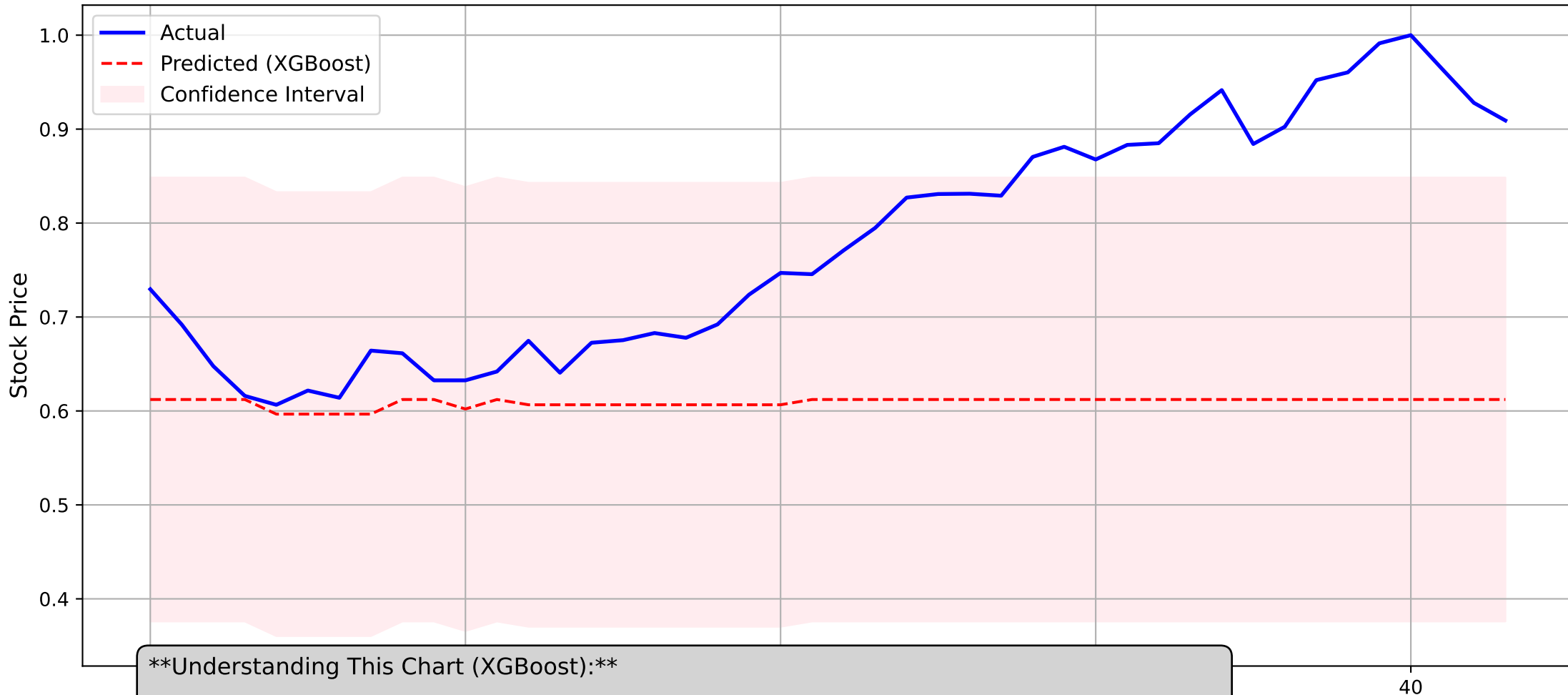
AAPL Time Series Forecast: LSTM



**\*\*Understanding This Chart (LSTM):\*\***

- **\*\*Blue Line (Actual)\*\*:** Represents true stock price movements.
- **\*\*Red Dashed Line (Predicted)\*\*:** Model's predicted values.

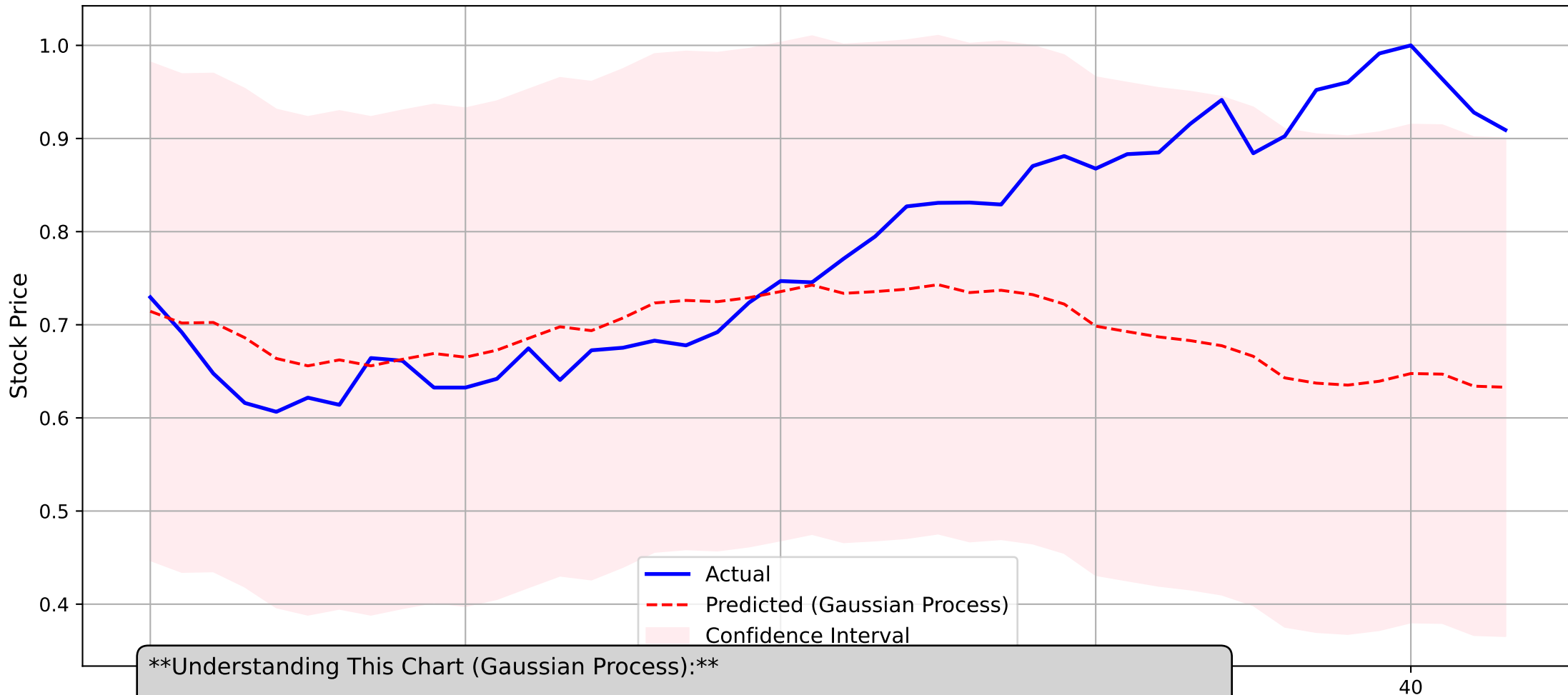
# AAPL Time Series Forecast: XGBoost



**\*\*Understanding This Chart (XGBoost):\*\***

- **\*\*Blue Line (Actual)\*\*:** Represents true stock price movements.
- **\*\*Red Dashed Line (Predicted)\*\*:** Model's predicted values.

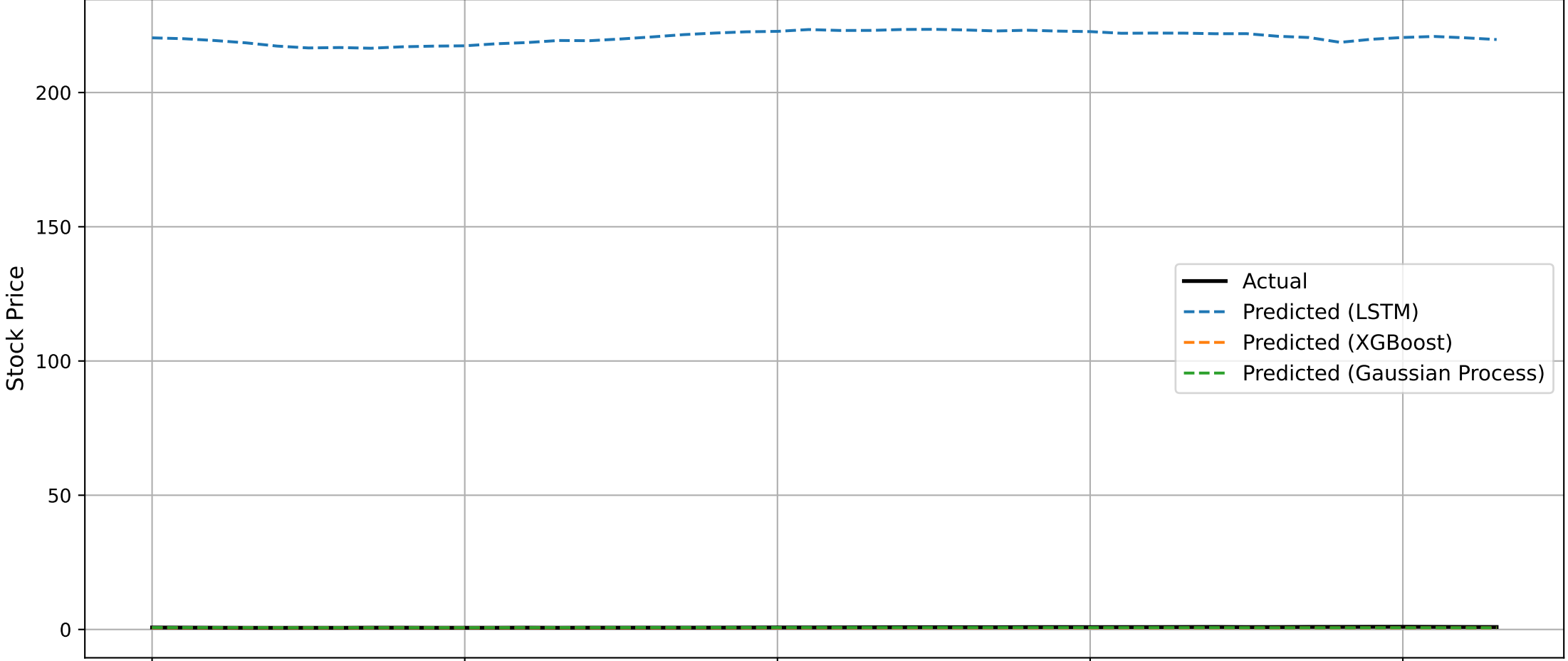
AAPL Time Series Forecast: Gaussian Process



**\*\*Understanding This Chart (Gaussian Process):\*\***

- **\*\*Blue Line (Actual)\*\*:** Represents true stock price movements.
- **\*\*Red Dashed Line (Predicted)\*\*:** Model's predicted values.

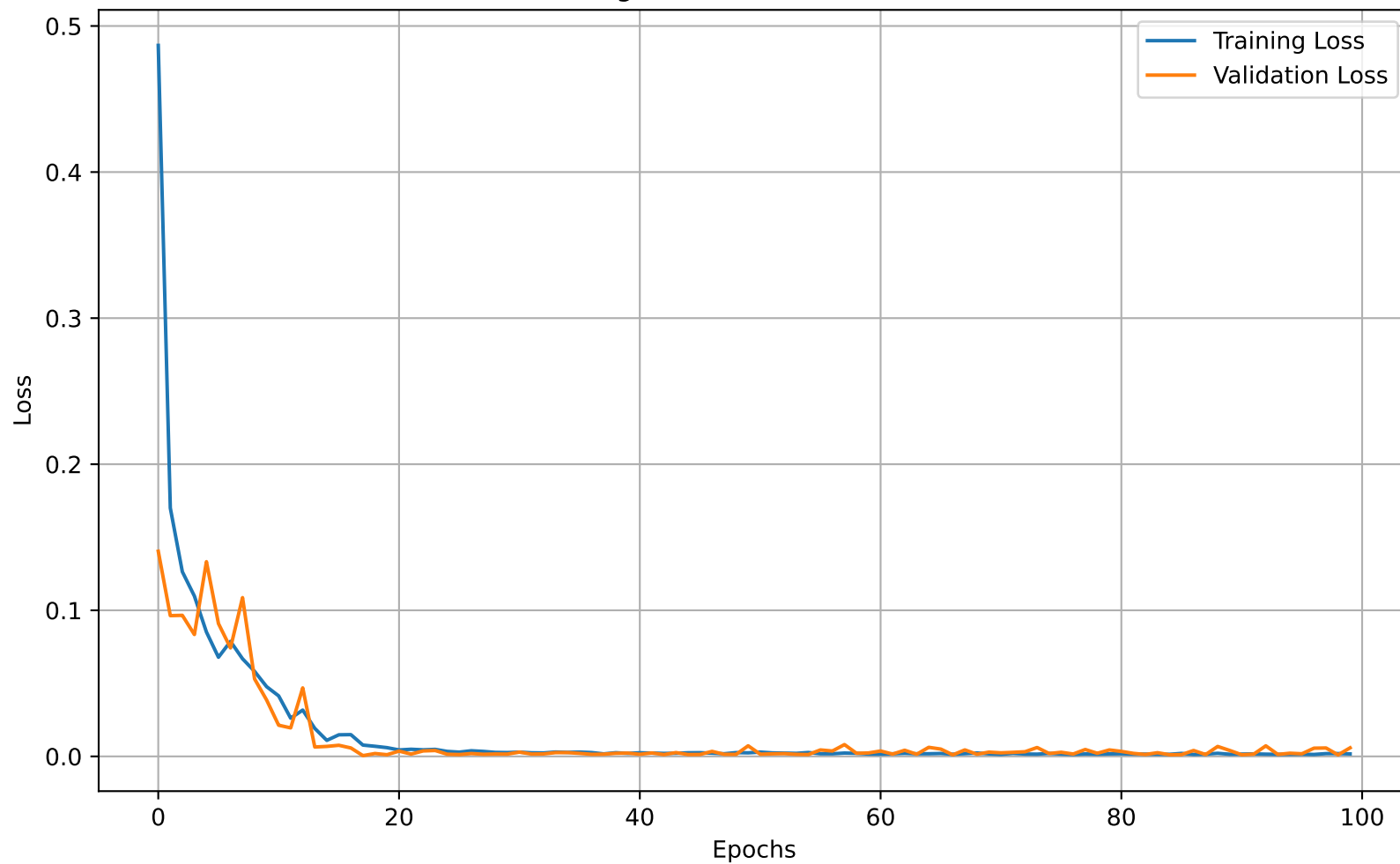
AAPL Comparison of Time Series Forecasts



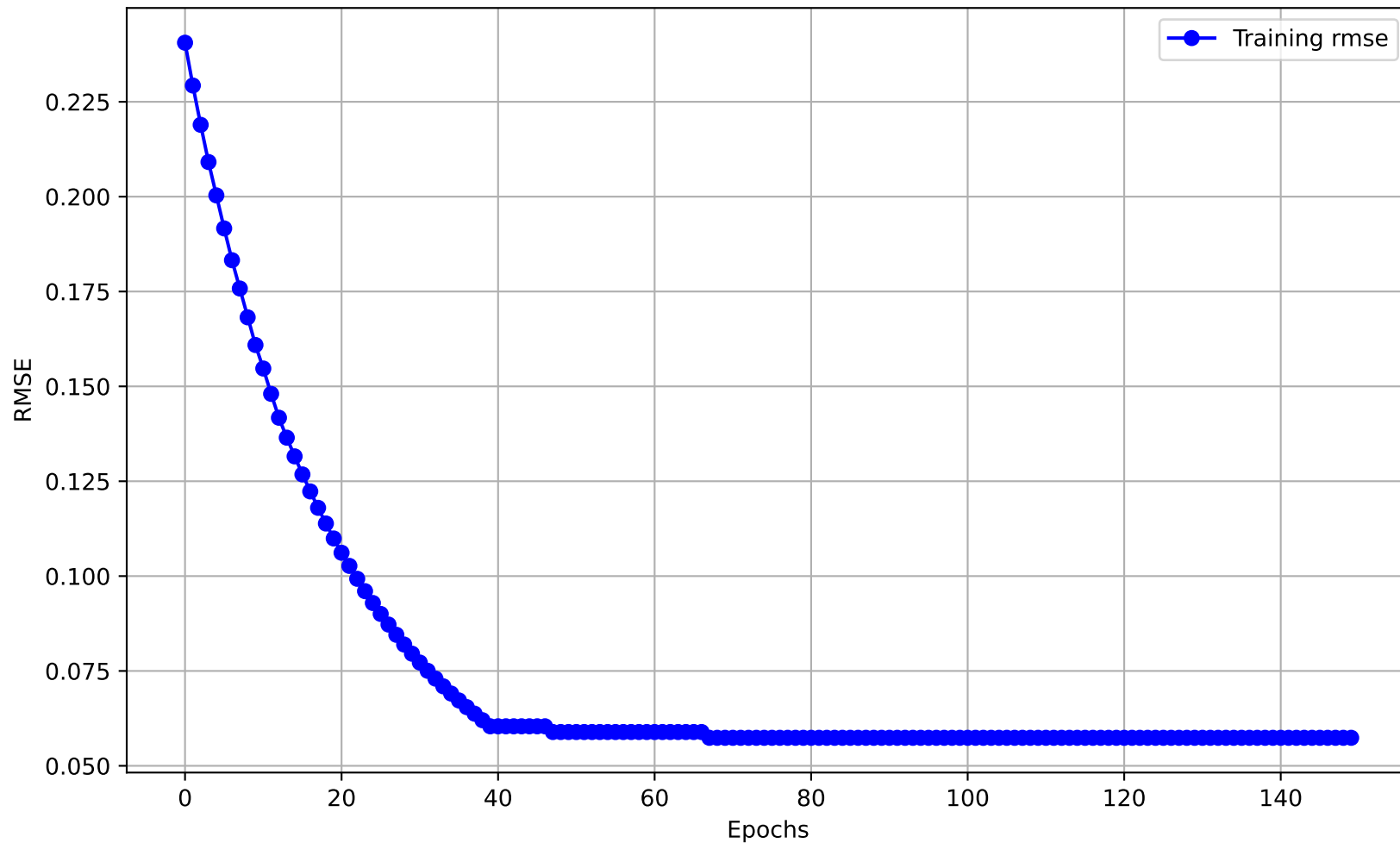
**\*\*Comparing Different Forecast Models:\*\***

- **\*\*Black Line (Actual)\*\*:** Represents the true stock price movement.

Training vs. Validation Loss LSTM



Training vs. Validation RMSE XGBoost



Gaussian Process: Training vs Validation RMSE

