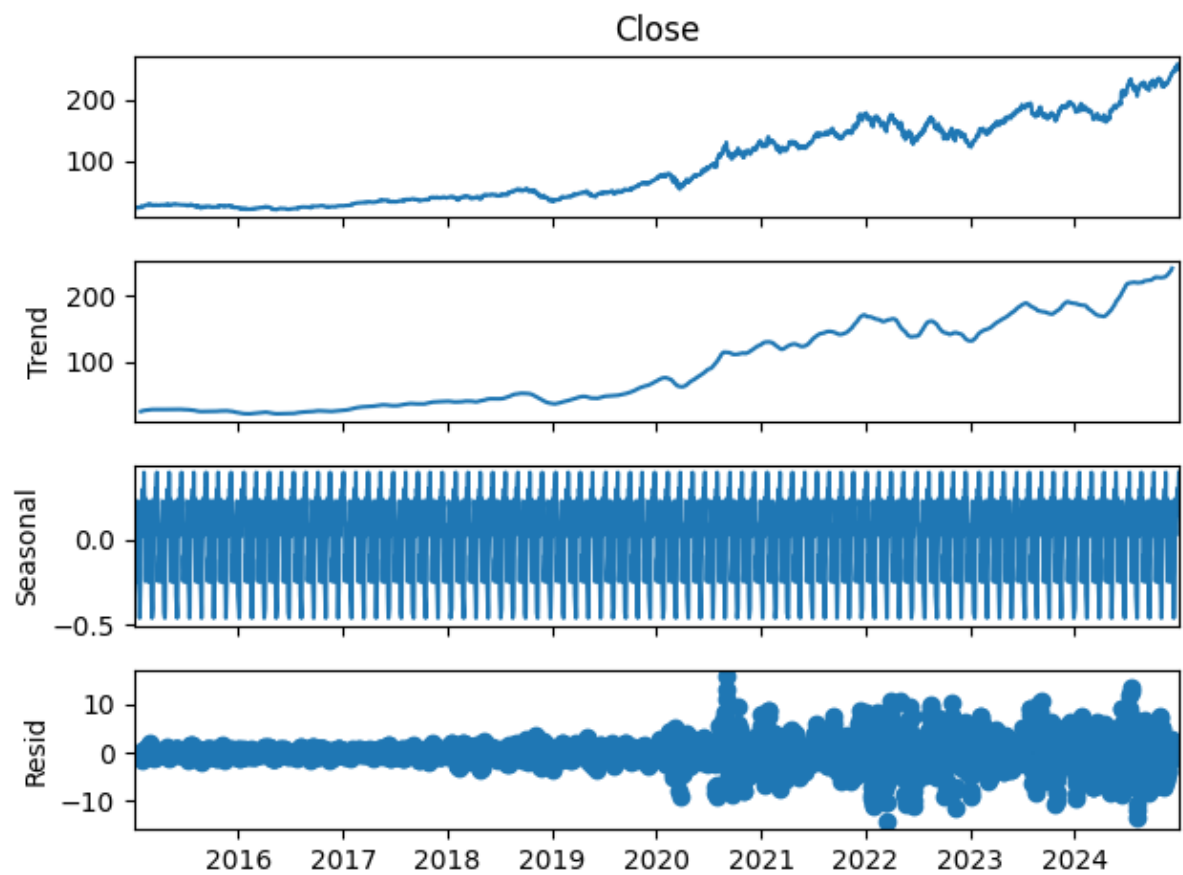


# **VISUALISATION GRAPHS**

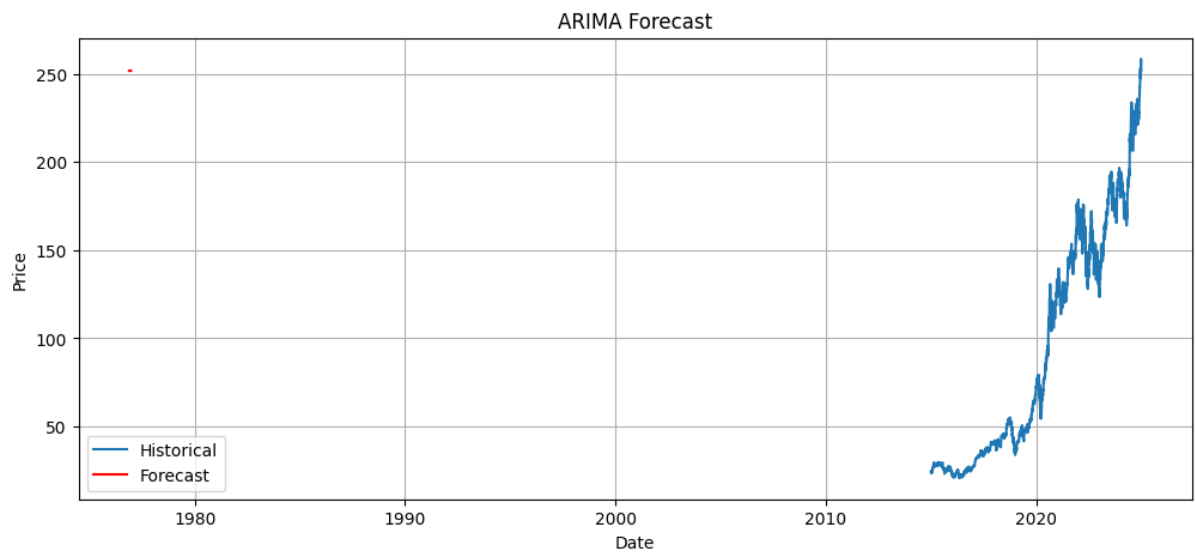
## Date vs Price



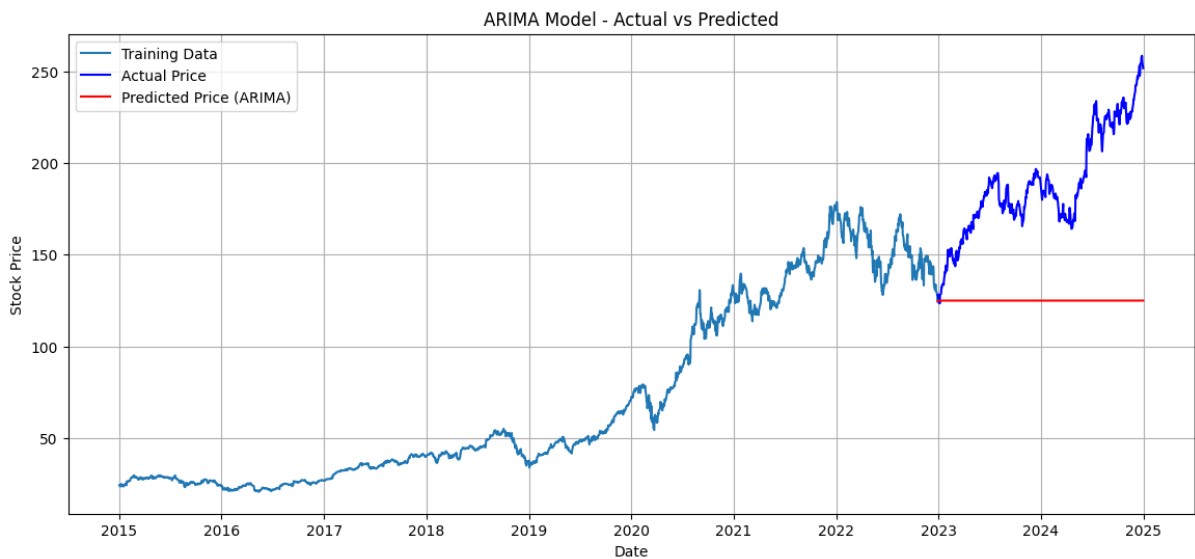
## Time Series All



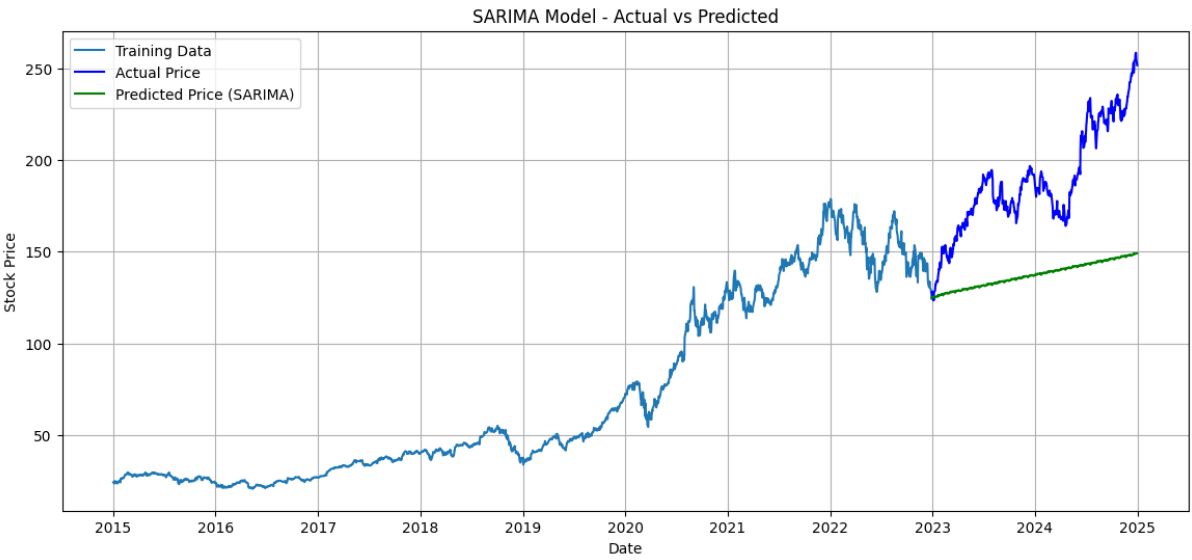
# ARIMA



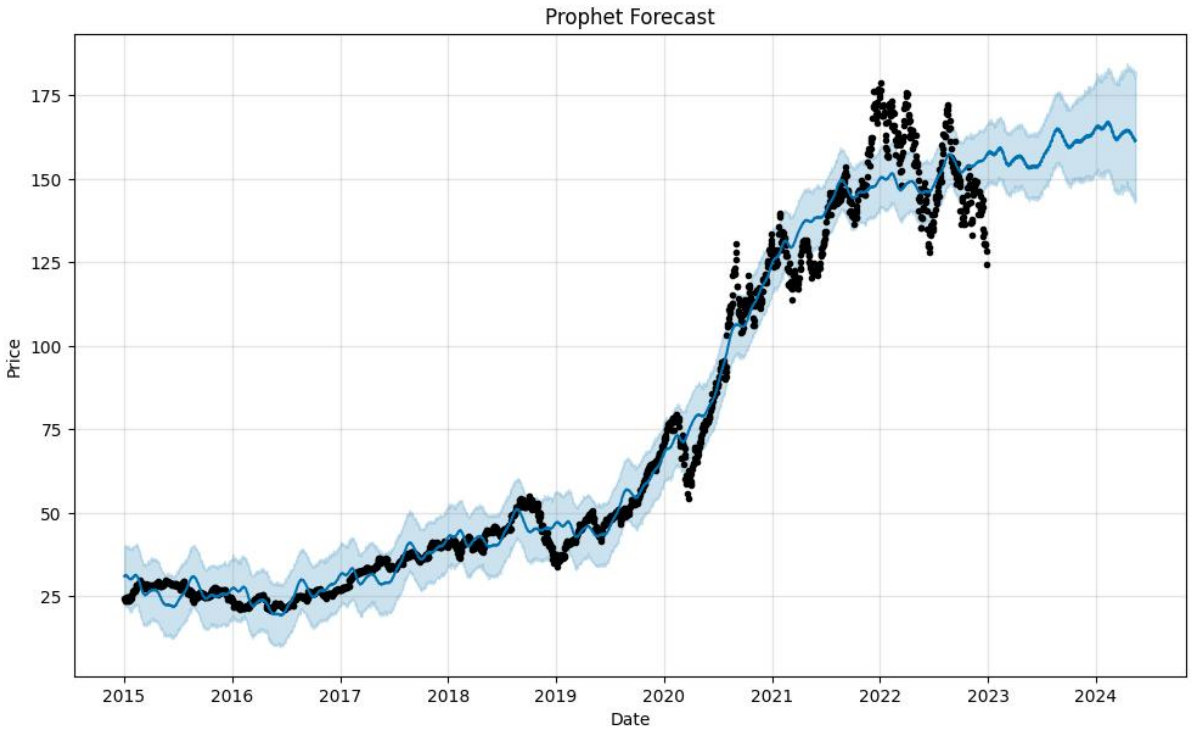
## ARIMA-Actual vs Predicted



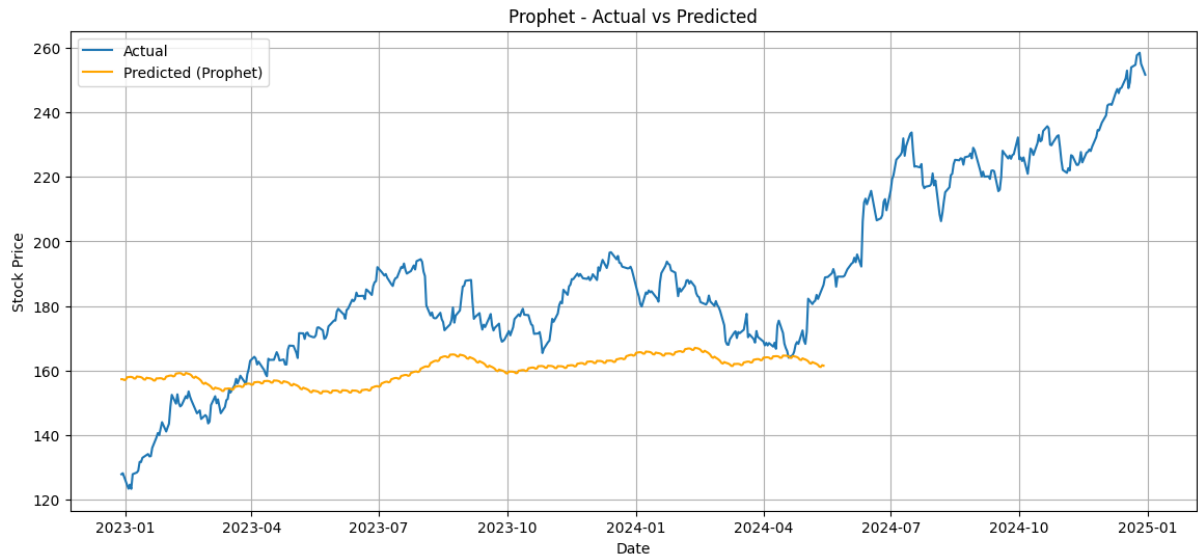
# SARIMA- Actual vs Predicted



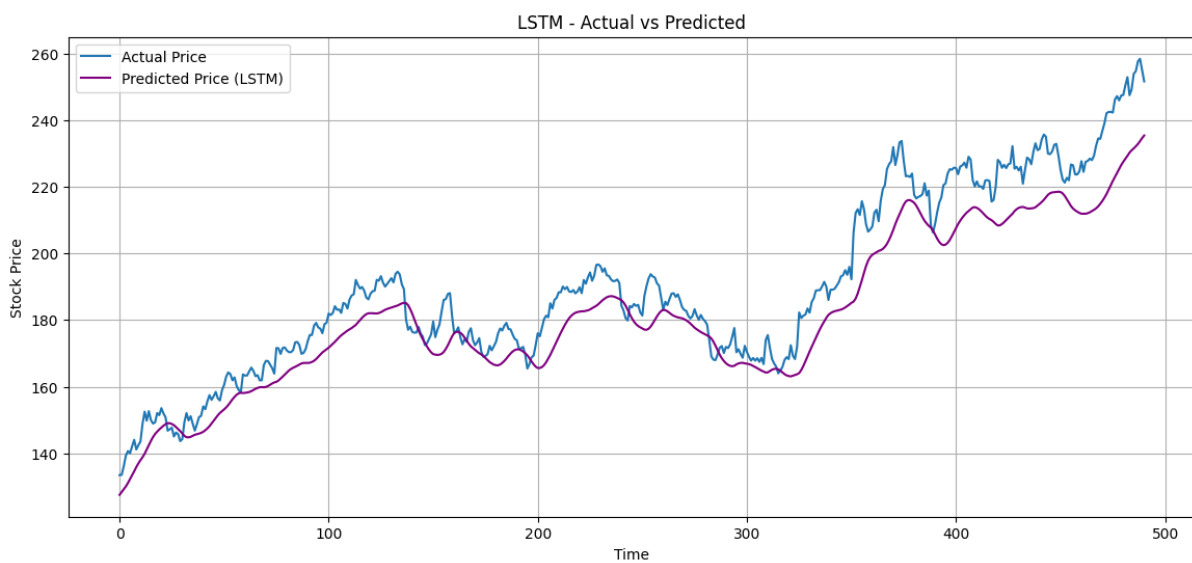
# Prophet



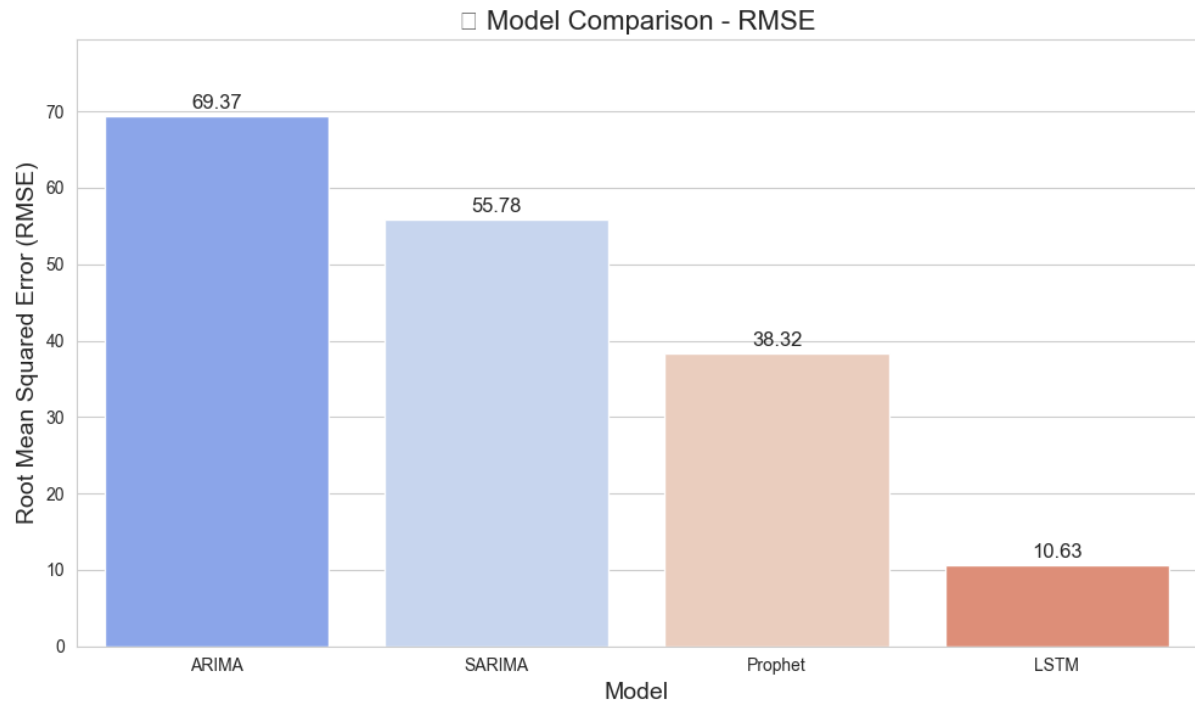
## Prophet- Actual vs Predicted



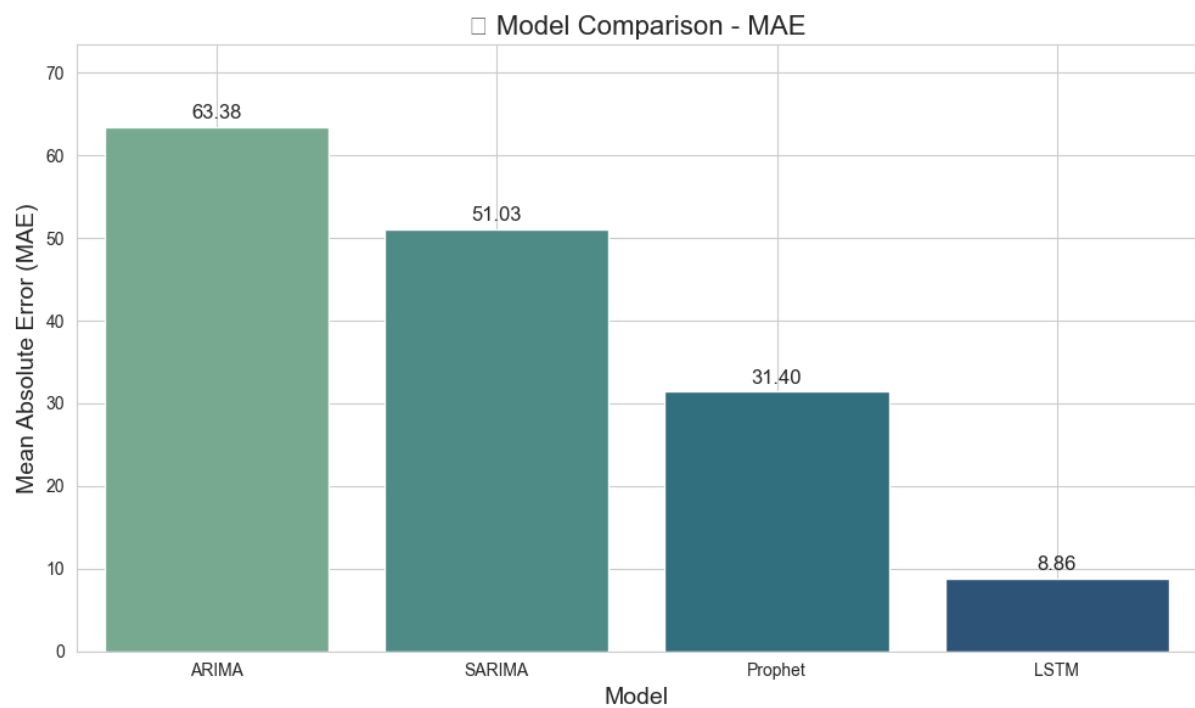
## LSTM-Actual vs Predicted



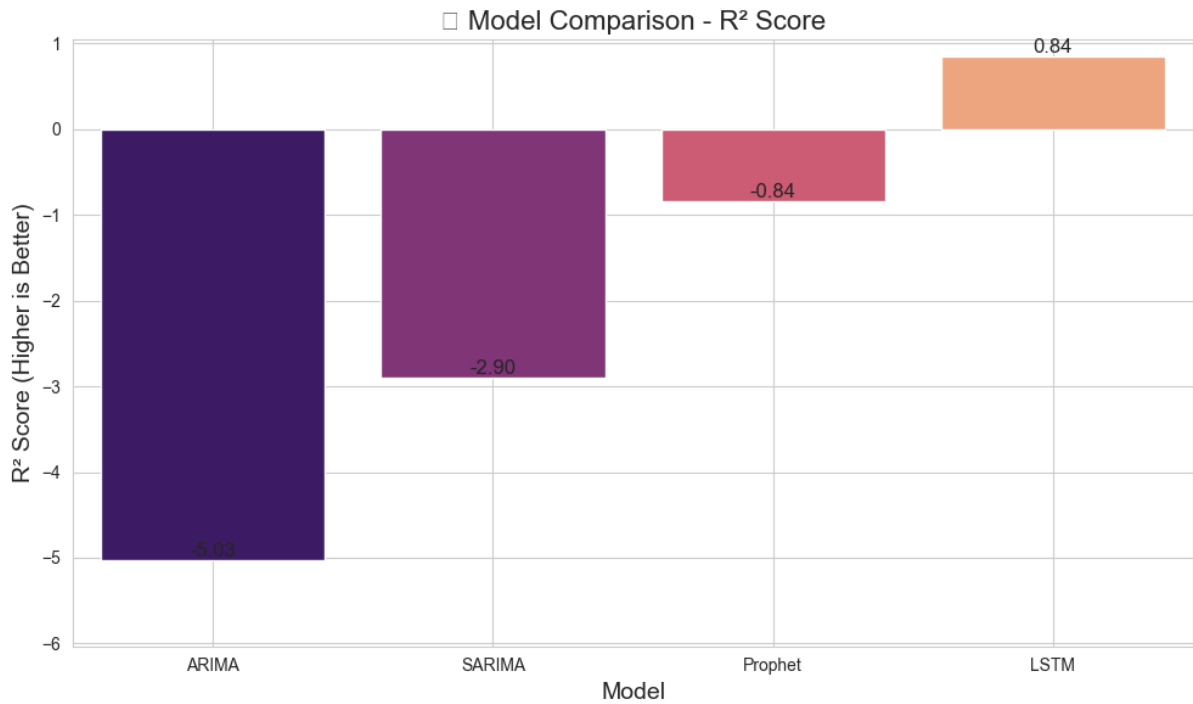
## RSME -Model comparison



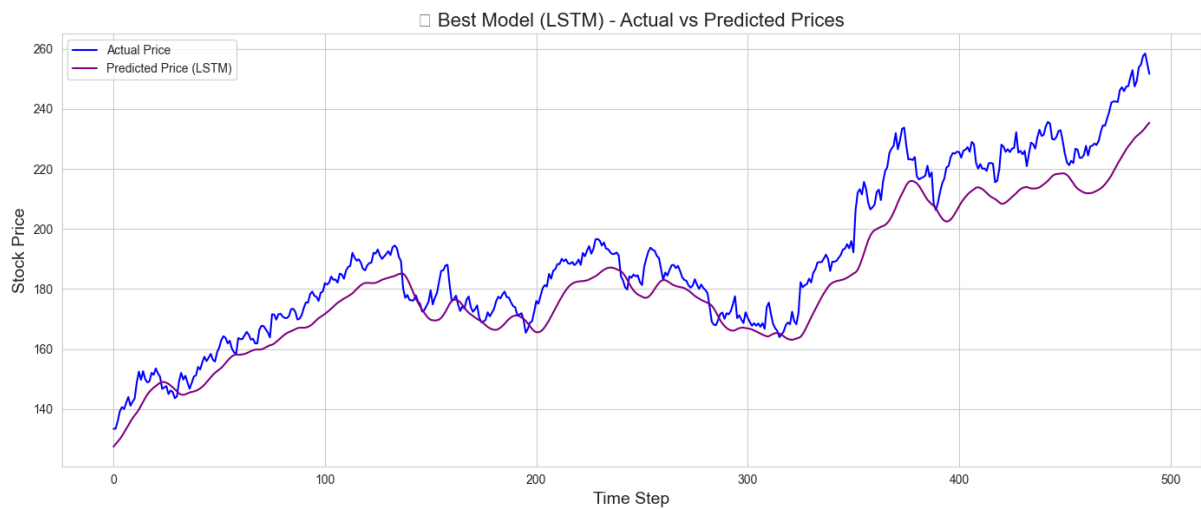
## MAE



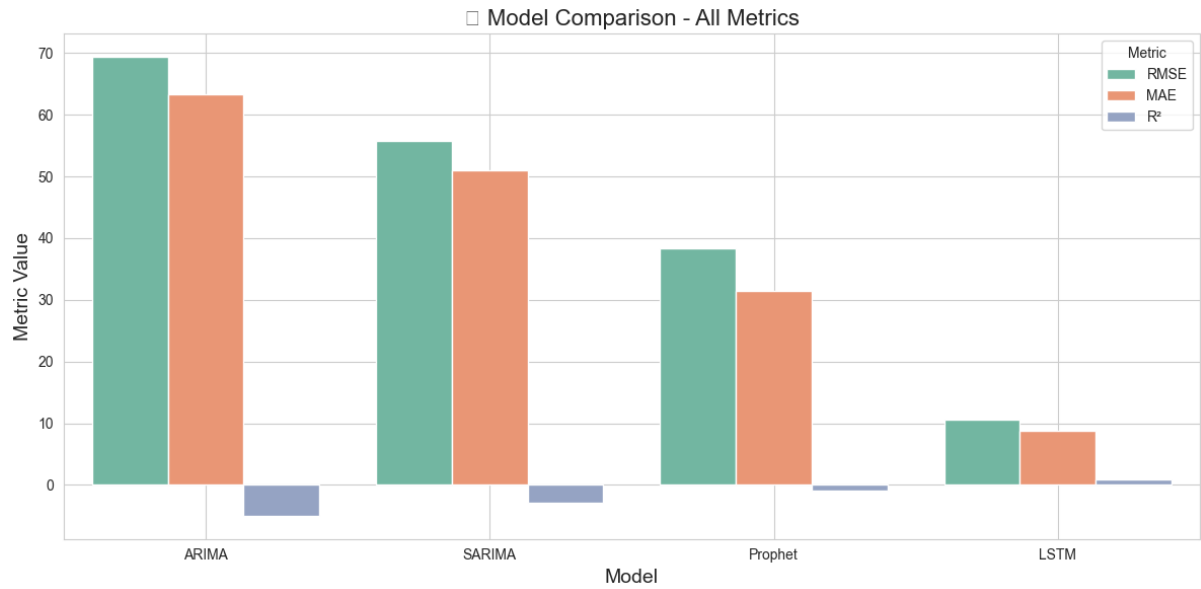
**R<sup>2</sup>**



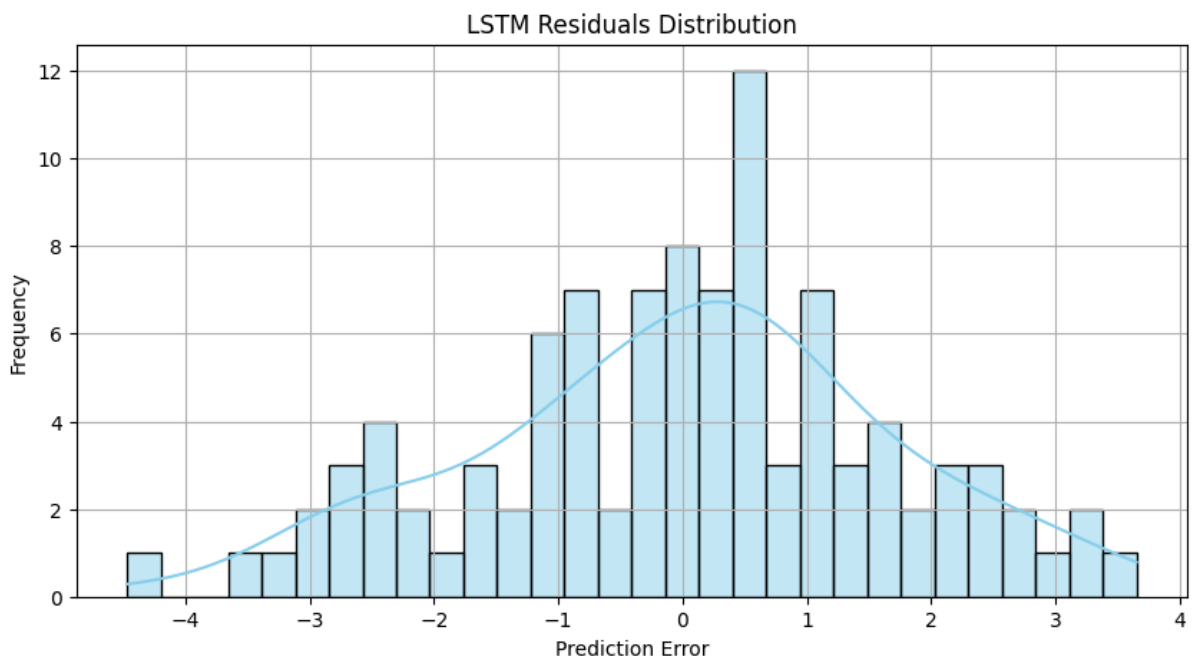
## Best Model(LSTM) - Actual vs Predicted



## All Model Comparison

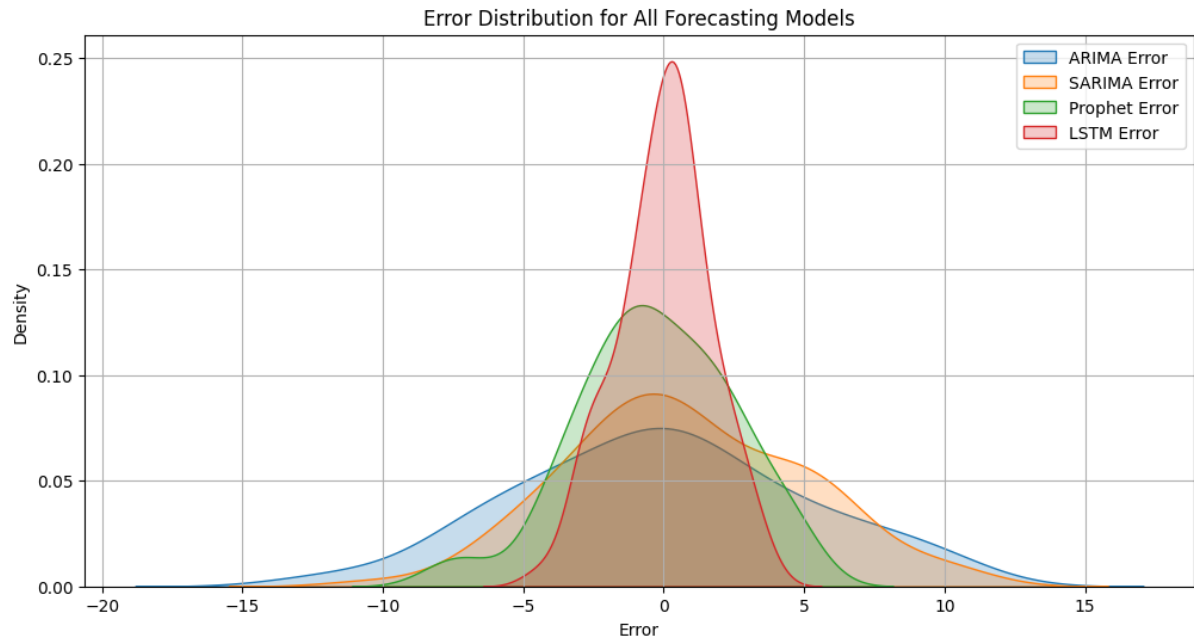


## LSTM Residual Distribution

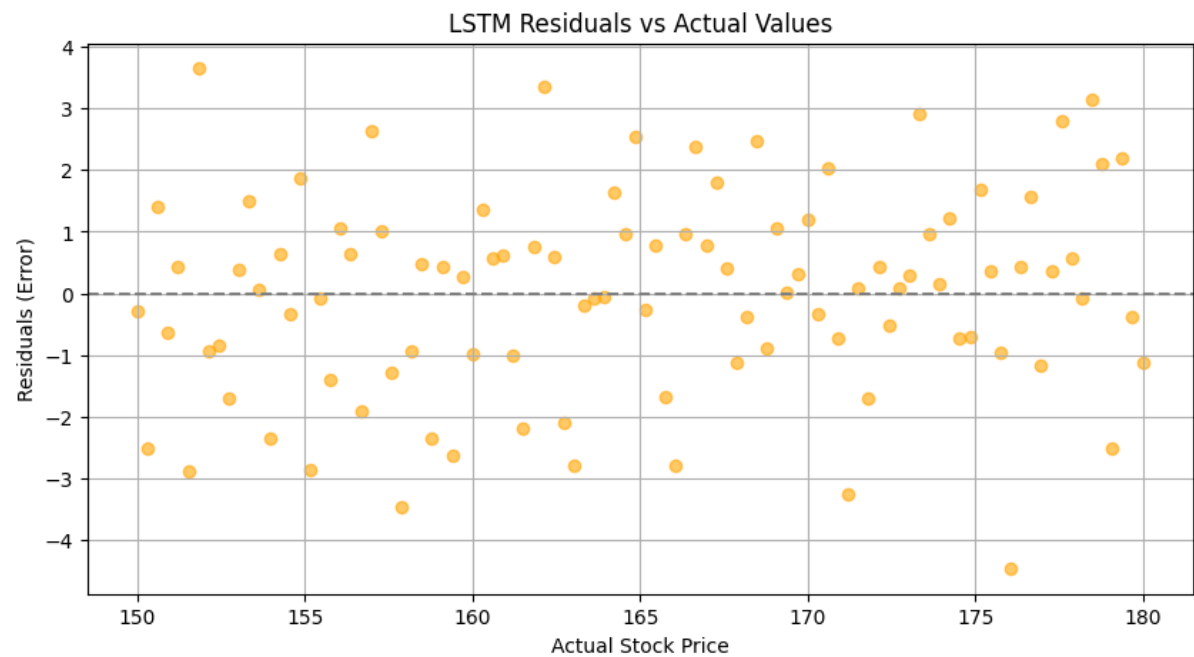




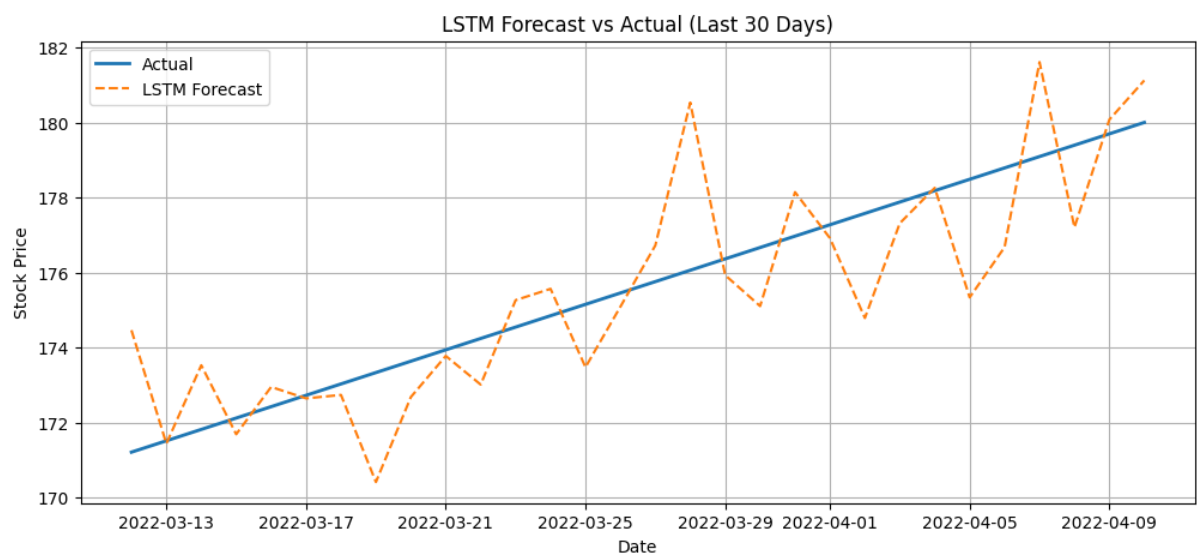
## Error Distribution for All Forecasting Models



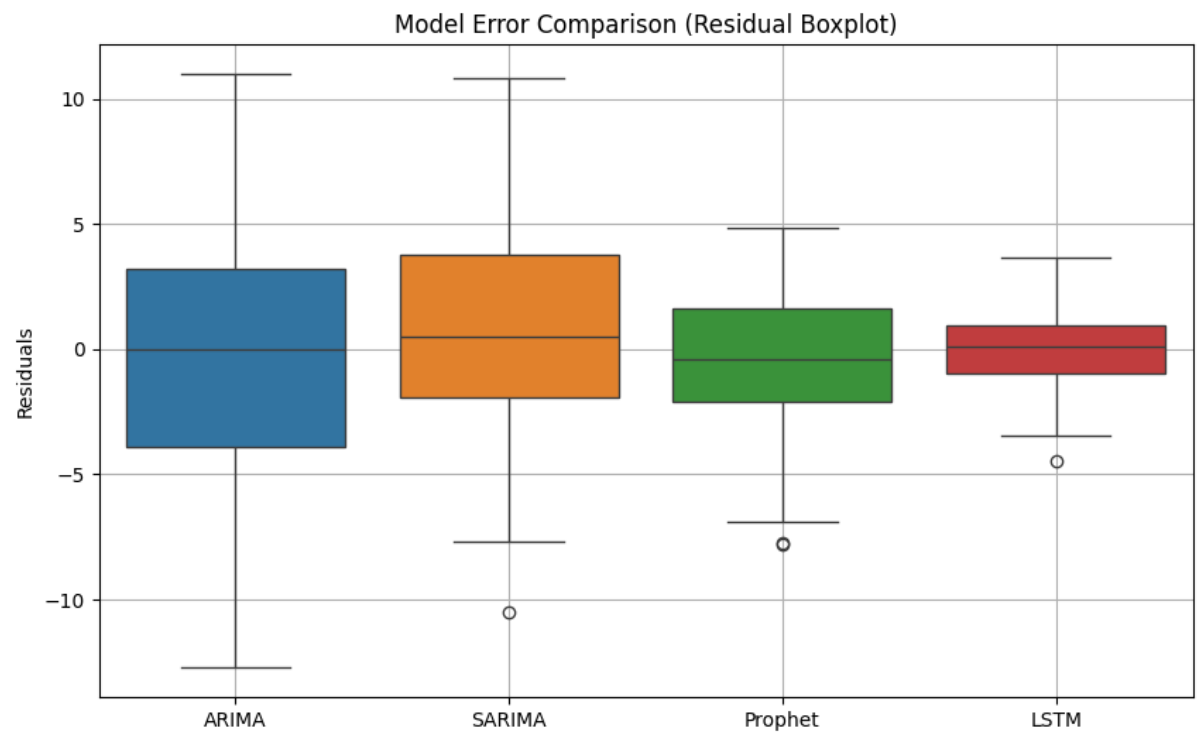
## Residual Plot (Prediction Error vs Actual)



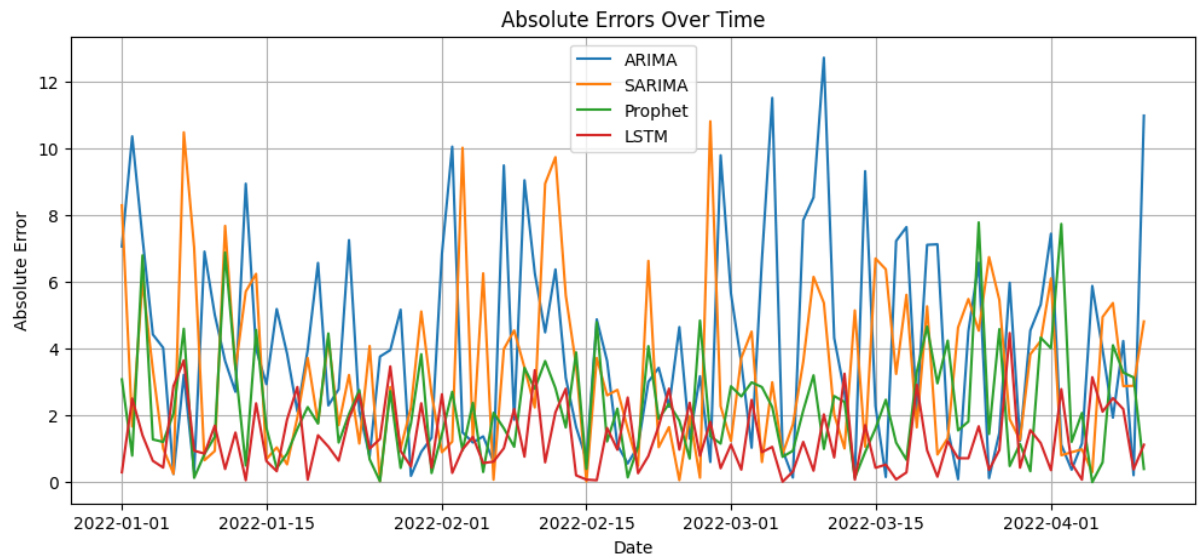
## Zoomed Forecast vs Actual (Last 30 days)



## Model Error Boxplot



## Line Plot Model Absolute Errors Over Time



## Q-Q Plot (Normality Check of Residuals)

