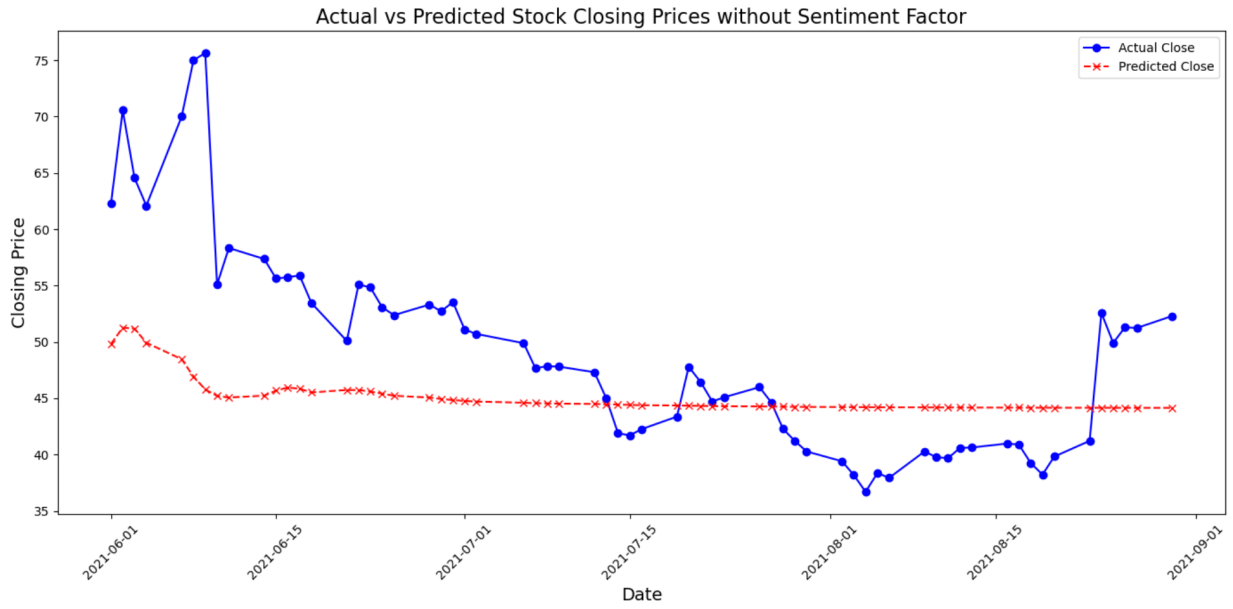
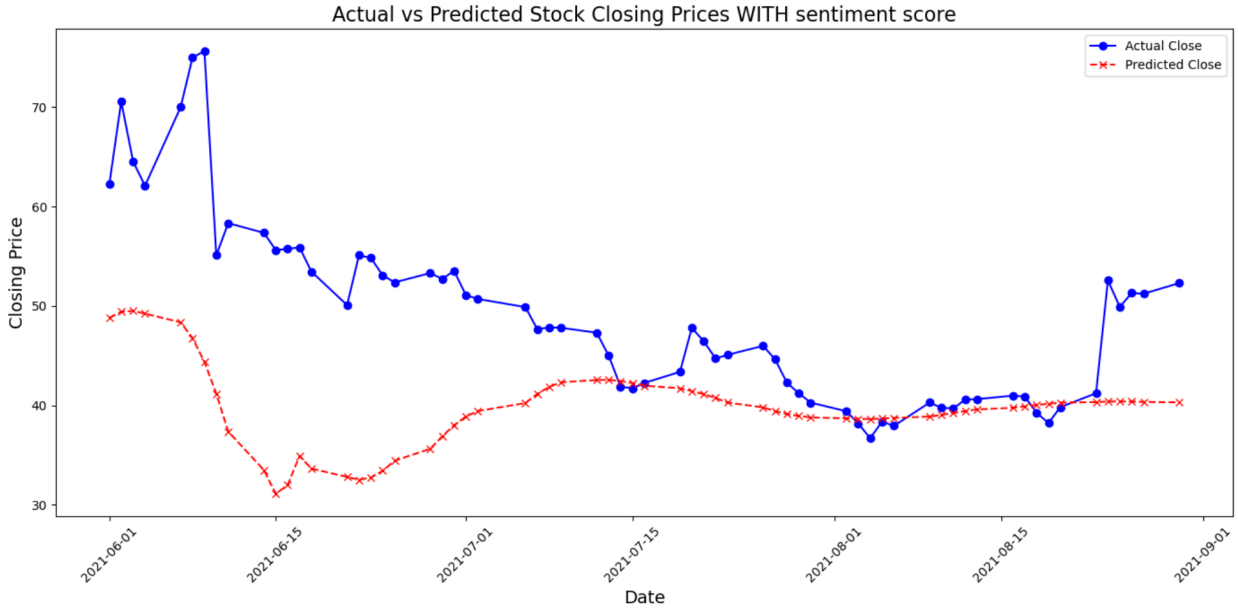
Training Dataset:

Testing Dataset:

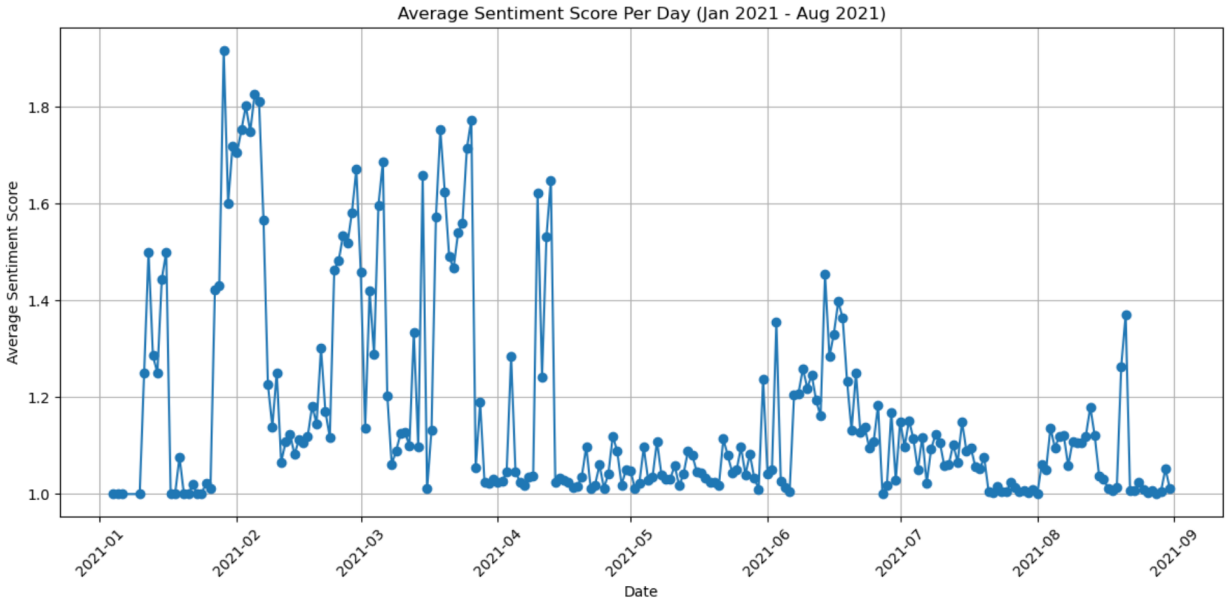
Time-Series Forecasting without Sentiment Analysis:

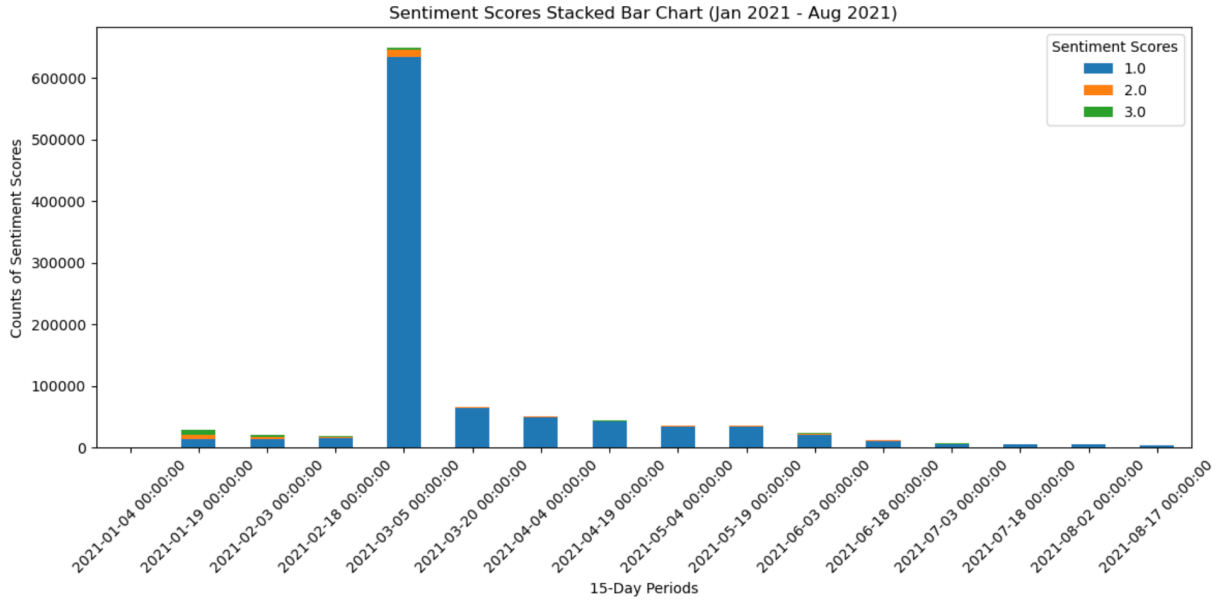


Final Model: Time-Series Forecasting + Sentiment Analysis

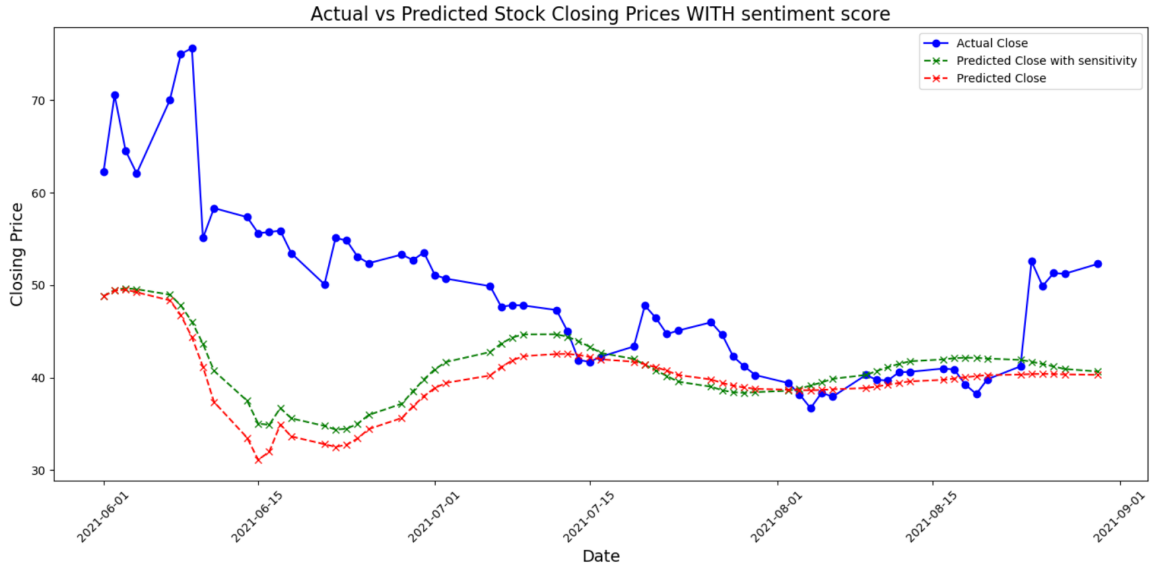


Visualizations:

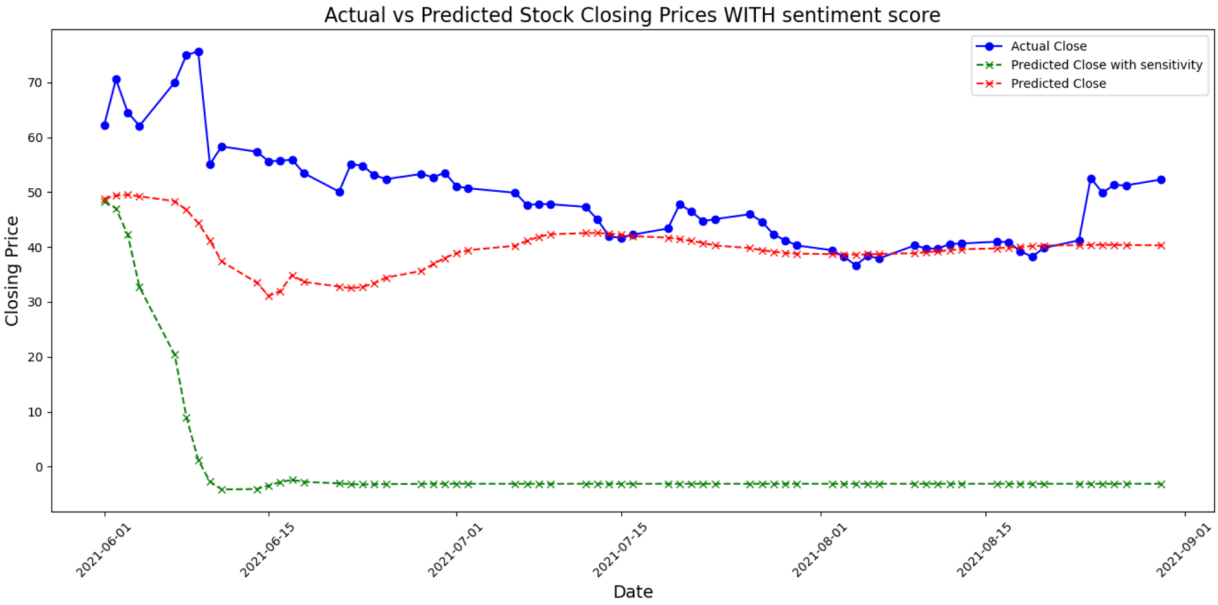




Sensitivity Analysis:




```
Mean Squared Error (MSE): 138.60004264410682
Root Mean Squared Error (RMSE): 11.772851933329784
Mean Absolute Error (MAE): 8.842781604621052
```




```
Mean Squared Error (MSE): 2471.6080251576486
Root Mean Squared Error (RMSE): 49.715269537212095
Mean Absolute Error (MAE): 48.74040385277536
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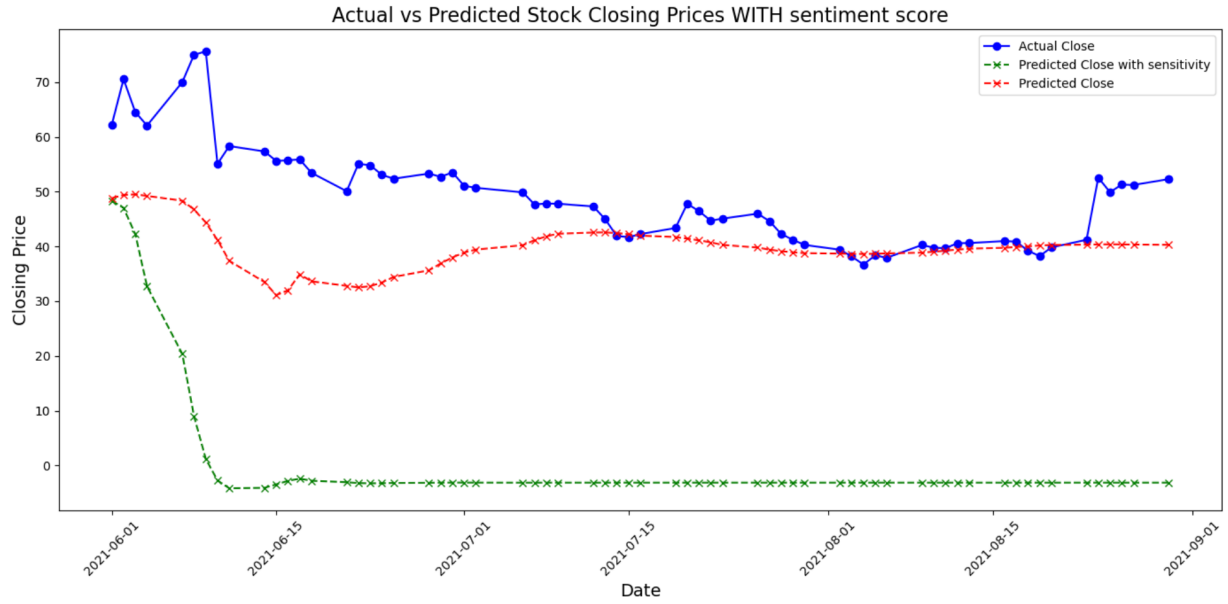


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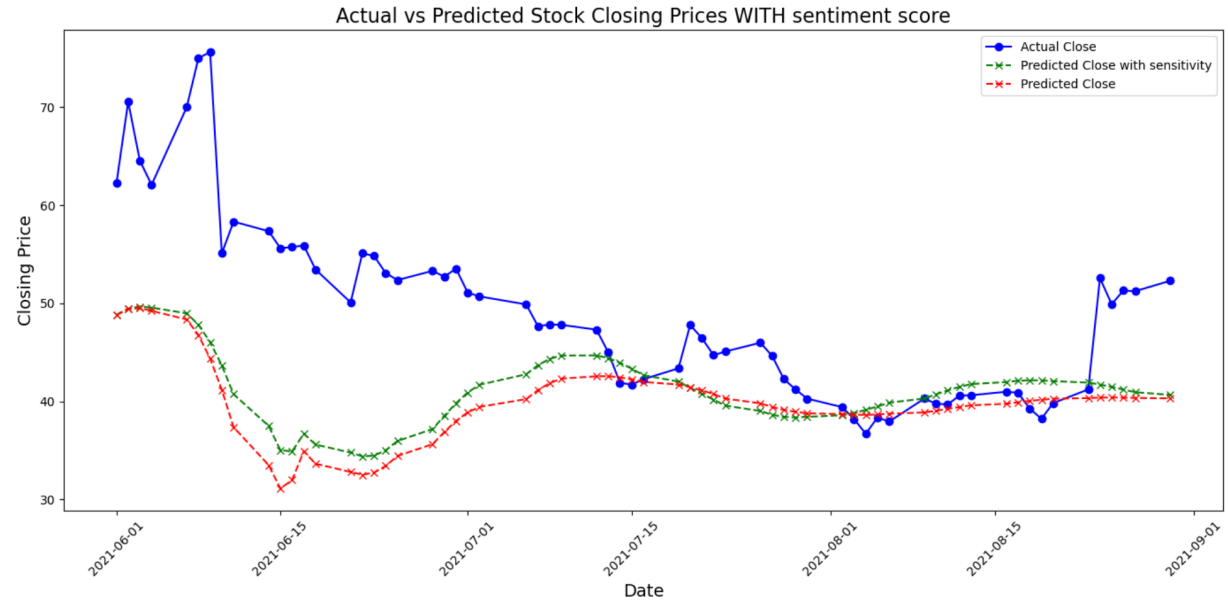


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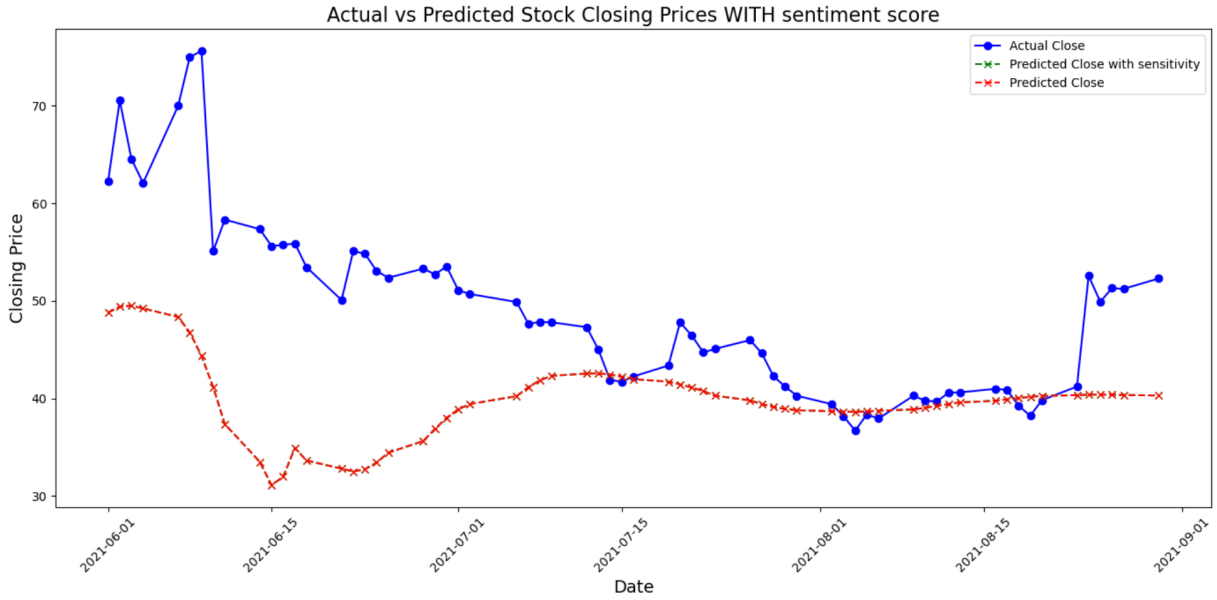


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Mean Squared Error (MSE): 165.8012483058564
Root Mean Squared Error (RMSE): 12.876383355036321
Mean Absolute Error (MAE): 9.544308254941228
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