

Project Development Phase Model Performance Test

Date	21 November 2022
Team ID	PNT2022TMID39562
Project Name	Crude Oil Price Prediction

Model Performance Testing:

S.No.	Parameter	Values	Screenshot															
1.	Model Summary		<div>Model: "sequential"</div> <table><thead><tr><th>Layer (type)</th><th>Output Shape</th><th>Param #</th></tr></thead><tbody><tr><td>lstm (LSTM)</td><td>(None, 10, 10)</td><td>480</td></tr><tr><td>lstm_1 (LSTM)</td><td>(None, 10, 10)</td><td>840</td></tr><tr><td>lstm_2 (LSTM)</td><td>(None, 10)</td><td>840</td></tr><tr><td>dense (Dense)</td><td>(None, 1)</td><td>11</td></tr></tbody></table> <div>Total params: 2,171 Trainable params: 2,171 Non-trainable params: 0</div>	Layer (type)	Output Shape	Param #	lstm (LSTM)	(None, 10, 10)	480	lstm_1 (LSTM)	(None, 10, 10)	840	lstm_2 (LSTM)	(None, 10)	840	dense (Dense)	(None, 1)	11
Layer (type)	Output Shape	Param #																
lstm (LSTM)	(None, 10, 10)	480																
lstm_1 (LSTM)	(None, 10, 10)	840																
lstm_2 (LSTM)	(None, 10)	840																
dense (Dense)	(None, 1)	11																
2.	Accuracy	<div>Training Accuracy - 1.9685525432167308</div> <div>Validation Accuracy – 2.201959455277266</div>	<div>Train Mean Absolute Error: 1.2571759644915208 Train Root Mean Squared Error: 1.9685525432167308 Test Mean Absolute Error: 1.7191186880846367 Test Root Mean Squared Error: 2.201959455277266</div> <div></div>															