LITERATURE SURVEY

S.NO	TITLE	AUTHOR	PROPOSED WORK
1.	Crude Oil Price Prediction Using LSTM Networks [1]	Nidhi Moitra, Priya Raj, Sanidhya Saxena, Rohit Kumar	The objective of predicting the crude oil price, using LSTM-based recurrent neural networks is discussed. The hidden layer of the network's LSTM introduces the memory cell, which making them well-suited to grasp the changing structure of data with a high capacity for prediction.
2.	Crude Oil Price Prediction Using LSTM [2]	Nidhi Moitra, Priya Raj, Sanidhya Saxena, Rohit Kumar	Recurrent neural networks that are LSTM-based are used to predict the price of crude oil. The most effective and powerful models for processing time-series-based sequential data are recurrent neural networks (RNNs). In addition to prediction, LSTM variations can be utilized for tasks including polyphonic modelling, speech recognition, and handwriting recognition.
3.	Forecasting crude oil price using LSTM neural networks [3]	Kexian Zhang and Min Hong	An ANN model and a typical ARIMA model are taken as the comparable models. The results show that the LSTM model has strong generalization ability, with stable applicability in forecasting crude oil prices with different timescales.
4.	CPPCNDL: Crude oil price prediction using complex network and deep learning algorithms [4]	Makumbonori Bristone, Rajesh Prasad, Adamu Ali Abubakar	This paper proposed a hybrid model for crude oil price prediction that uses the complex network analysis and LSTM for deep learning algorithms. The complex network analysis tool called the visibility graph is used to map the dataset on a network and K-core centrality was employed to extract the non-linearity features of crude oil and reconstruct the dataset.
5	Driven Oil Price Value--- at-Risk-Forecasting: A Decomposition Ensemble Approach. [5]	Lu-Tao Zhao, Zhi-Yi Zheng, Ying Fu, Ze-Xi Liu; Ming-Fang Li	Google index- driven decomposition ensemble model to forecast crude oil price risk by constructing an index of investor attention for the market and emergencies combined with a bivariate empirical mode decomposition analyses the impact of investor attention on oil price fluctuations.

REFERENCES:

[1] Gupta, Varun, and Ankit Pandey. "Crude oil price prediction using LSTM networks." *International Journal of Computer and Information Engineering* 12.3 (2018): 226-230.

[2] Moitra, N., Raj, P., Saxena, S. and Kumar, R., 2020. Crude oil prediction using LSTM. *International Journal of Innovative Science and Research Technology*, *5*(2), pp.900-905.

[3] Zhang, Kexian, and Min Hong. "Forecasting crude oil price using LSTM neural networks." *Data Science in Finance and Economics* 2.3 (2022): 163-180.

[4] Bristone, Makumbonori, Rajesh Prasad, and Adamu Ali Abubakar. "CPPCNDL: Crude oil price prediction using complex network and deep learning algorithms." *Petroleum* 6.4 (2020): 353-361.

[5] L. -T. Zhao, Z. -Y. Zheng, Y. Fu, Z. -X. Liu and M. -F. Li, "Google Index-Driven Oil Price Value-at-Risk Forecasting: A Decomposition Ensemble Approach," in *IEEE Access*, vol. 8, pp. 183351-183366, 2020, doi: 10.1109/ACCESS.2020.3028124.ni