PROBLEM STATEMENT

Crude oil price prediction is a challenging task in oil producing countries. Its price is among the most complex and tough to model because fluctuations of price of crude oil are highly irregular ,nonlinear and varies dynamically with high uncertainty. The crude oil price prediction uses the complex network analysis and long short term memory (LSTM) of the deep learning algorithm. The complex network analysis tool called the visibility graph is used to map the dataset on a network. Neural Networks to predict the Crude Oil Price.This decision helps us to buy crude oil at the proper time.Time series analysis is the best option for this kind of prediction because we are using the Previous history of crude oil prices to predict future crude oil. So we would be implementing RNN(Recurrent Neural Network) with LSTM(Long Short Term Memory) to achieve the task.