SCENARIO

The prices of crude oil varies in different parts of the world.

These prices can be predicted based on certain factors.

EXPECTATIONS

- onsidering factors
- observing highs and lows
- displaying graphically

PROPOSITIONS



UNDFRTAKE



EXECUTIONS



COMPLETION

Crude oil price fluctuations have a far reaching impact on global economies

Price forecasting can assist in minimising the risks Series are predicted using SVM, ELM, and LSTM models Prediction results of the above three single models are first reconstructed using FR

Data from monthly WTI price are first being classified into classes Retrieval information from stock market and used text mining to mine the news It proves and validates the selection of variables chosen for the training This provides the accurateness not only implies to the trend but also to its discrete price

Very important to various stakeholders: governments, public and private Several different factors that affect crude oil prices

The XGBoost method is used to make a secondary prediction of the series Factors like demand, supply and speculation influence price prediction The process of extracting the features from the news was done manually

The key factors to crude oil market are discovered, verified and presented graphically A parallel and positive movement existed between the actual price and the predicted price

Validates the effectiveness of key factors selected in HC model