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Title: -Crude Oil Price Prediction-

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Report:

There are five main problems identified based on investigations made on p

Firstly, data used in the previous predictions are majority employed from together in the market.

The crude oil price market volatiles from the contributions made by other

A good prediction is the one that can comprehends and correlates between

Secondly, there are scarce numbers of research that implement the verific

Besides the global crude oil price, other popular factors that being used

Although, demand and supply of oil plays vital role to the market volatile offered by the trend.

There are also other factors that contributed to the trend and gave impac

Therefore, by embracing appropriate key factors and later correlate them

Thirdly, time-series data are mainly used for prediction.

Nevertheless, data pre-processing and data representation process are mad

These two processes are important to cleanse and reduce errors and noises

Later, these will help to organise the process of prediction, make it mor

Without these processes, the prediction tool will be less reliable.

Fourthly, the crude oil price movement was the popular topic studied prev

Predicting the movement of the price only is not sufficient to characteri

A prediction on the movement together with the price itself will tender m

Sincerely, the practicability of the previous study is still dubious as t

Still, there are opportunities for improvement in the future as the advan

the empirical result from the simulation is presented and discussed.

To begin, time series and normalised data are trained, tested and compare

The best result with the smallest absolute error value from this learning

From the simulation, we discovered the best learning data were derived fr

This simulation shares promising 2.2690 of RMSE value, 0.00896 for its NM

The prediction result for March, 2004 until February, 2009 is presented.

This figure extensively shows narrow span between the actual and predicte

This accurateness not only implies to the trend but also to its discrete

Therefore, it proves and validates the selection of variables chosen for

In addition, a parallel and positive movement existed between the actual selected in HC model.

Hence we have developed a model to predict the future crude oil prices us the web page.