LITERATURE SURVEY ON CRUDE OIL PRICE PREDICTION USING ARTIFICIAL INTELLIGENCE AND INFORMATION GATHERING

Crude oil is amongst the most important resources in today's world, it is the chief fuel and its cost has a direct effect on the global habitat, our economy and oil exploration, exploitation and other activities. Prediction of oil prices has become the need of the hour, it is a boon to many large and small industries, individuals, the government. The evaporative nature of crude oil, its price prediction becomes extremely difficult and it is hard to be precise with the same. Several different factors that affect crude oil prices. We propose a contemporary and innovative method of predicting crude oil prices using the artificial neural network (ANN). The main advantage of this approach of ANN is that it continuously captures the unstable pattern of the crude oil prices which have been incorporated by finding out the optimal lag and number of the delay effect that controls the prices of crude oil. Variation of lag in a period of time has been done for the most optimum and close results, we then have validated our results by evaluating the root mean square error and the results the proposed model significantly obtained using have outperformed.

Introduction:

Crude oil is a yellow-black naturally occurring liquid found in geological formations beneath the Earth's surface, it can be separated into various kinds of consumer fuels through the process of fractional distillation. Crude oil is amongst the most important energy resources on earth right now. So far, it remains the world's leading fuel, with nearly one-third of global energy consumption. Petroleum products are also made of refined crude oil. Encouraging usage of fossil fuels is getting highly unpopular as they're irrefutably

responsible for global warming, and other severe impacts on ecosystems.

References (Bibliography):

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