**NCDEX Commodity price forecaster**

National commodity & derivatives exchange limited (NCDEX) is an Indian Government Owned online commodity exchange platform based in Mumbai, Maharashtra, India.

Commodities are physical quantity which are traded in commodity market.

As of date NCDEX works with farm commodity such as Rice, Dhaanya, castor, Barley, Chana, Turmeric ,Cotton, etc.

**Problem Statement:**

At NCDEX a contract is signed between Sellers and buyers about the amount of quantity to be sold and at what price .Once the contract is signed for a particular amount of time in months both buyers and seller pledge to buy and sell the commodity .

Ideally Seller will always expect the market to fall down as he has to sell the commodity at a price mentioned in contract to gain profit whereas buyer will always expect the market price of commodity to go up as he will be buying the commodity at a price mentioned in the contract.

As of date there are Options and Future Contract. In Future Contract both buyer and seller are obliged to buy and sell the commodity whereas in Options contract gives both buyer and seller the right to revoke the contract in case of loss scenario by paying the penalty amount often known an options premium.

In both Options and Future Market forecasting the price performance of the commodities helps both seller and Buyer to make proper decision in terms of when to buy the commodity and when to sell it in order to ensure profit.

