**ADVANTAGES**

**Performance Evaluation**

Our system will evaluates its multiple results internally and will give one final output or result which will not only more accurate than the other results but also the rest of world.

**Accuracy and Reliability**

In the world right now there are many systems that gives results but our project gives more accurate results than rest due to using multiple algorithms.

Also our system will perform well consistently and can be trustworthy. That’s mean our system is reliable for everyone.

**To Achieve Effectiveness**

Our proposed system applies different algorithms on single type of stock commodities and so on. This will results in increasing the effectiveness of getting results.

**Smart And Wise Investment**

The progress that this system will bring to the market will be recommendatory and will bring us to a position where we can invest smartly, knowingly and have maximum outcome.

**DISADVANTAGES**

**Volatile Investments**

Since the all commodities stocks are volatilethere is risk. These price fluctuations are unpredictable most of the times. So no one can predict the right outcomes every time.

**APPLICATIONS**

1. Our proposed system helps to determine production volumes considering availability of facilities, like equipment, capital, manpower, space etc.
2. This project helps in guiding marketing, production and other business activities for achieving these targets.
3. This system helps in taking decision about the plant expansion and change in production.
4. Our proposed system helps in preparing production and purchasing schedules.

**FUTURE SCOPE**

Success ratio of our system can be increased by using more proper news articles. Because some articles in the dataset may have not been directly related to the selected stock. Online sources that we used to get articles publish some articles originally related to stocks of other companies in the same sector under our stock’s category. If articles that are not directly related to the selected stock are eliminated, success of the system would increase.

In the future work, we will try to apply this model to other different stocks commodity, and try to combine different algorithms to build a more accurate prediction model.

In the future, the accuracy of the “Commodity Stock Recommendations and Price Prediction using Prescriptive Analytics Techniques” can be further improved by utilizing a much bigger dataset than the one being utilized currently.

**CONCLUSION**

We suggest that our project “Commodity Stock Recommendations and Price Prediction using Prescriptive Analytics Techniques” is promising for stock price analysis and prediction, and should be further evaluated and validated using more data in the future. The progress that this system will bring to the market will be recommendatory and will bring us to a position where we can invest smartly, knowingly and have maximum outcome.

We accomplished the stock prediction system using news articles. Our system automatically analyses and classifies news articles and generates recommendations for investors. As the stock market is too uncertain, the investors must invest their money after assessing the affecting factors such as public reviews, historical data and news events. Many researchers have tried to devise prediction models using machine learning algorithms to predict the accurate prices of stocks using various tools and techniques, but have yet not been able to come up with the best possible solution. People have been using same algorithms and model builder for each and every commodity, we are using different algorithms for single commodity, which will results in increase the accuracy.

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