KJEI’s Trinity Academy of Engineering, Pune

“T49 style stock prediction”

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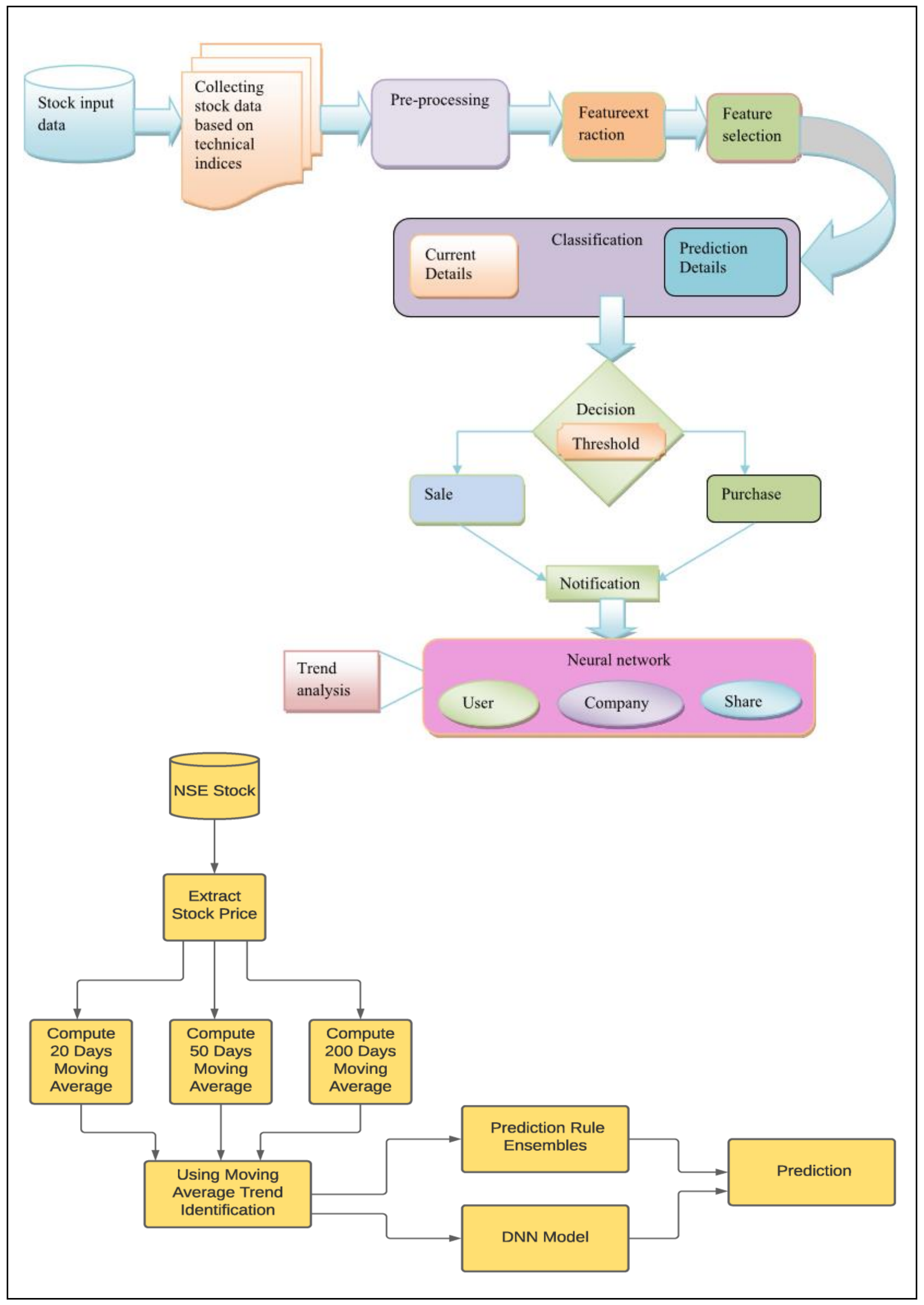
ABSTRACT

In Stock Market Prediction, the aim is to predict the future value of the financial stocks of a company. The recent trend in stock market prediction technologies is the use of machine learning which makes predictions based on the values of current stock market indices by training on their previous values. Stock Market Prediction (SMP) is an example of time-series forecasting that promptly examines previous data and estimates future data values. The objective of the system is to give a approximate idea of where the stock market might be headed.

INTRODUCTION

The process of stock market prediction typically involves a combination of fundamental analysis, technical analysis, and sometimes, sentiment analysis. Fundamental analysis focuses on evaluating a company's financial health, examining factors such as earnings, revenue, and overall market conditions. Investors analyze financial statements, economic indicators and industry trends to make informed predictions about a stock's future performance. The stock market, also known as the share market, is a platform where publicly traded companies' stocks and other securities are bought and sold by buyers and sellers during specific hours of the day while adhering to SEBI's well-defined guidelines.

SOFTWARE REQUIREMENTS	HARDWARE REQUIREMENTS
Operating System	**Device**
Android, iOS, etc.	Smartphone
Programming Language	**Processor**
python	Dimensity MediaTek, Snapdragon, etc.
Project/Application	**RAM**
web Application	4.0 GB or more
Editor	**Hard Disk**
Unity 3D and Android Studio	32 GB or more



Flow Chart

Snapshots

LITERATURE SURVEY

Stock prediction is a complex and dynamic field that combines financial analysis, machine learning, and data science techniques to forecast future stock prices. In recent years, the advancement of technology, particularly in the realm of artificial intelligence and big data analytics, has significantly enhanced the accuracy and efficiency of stock prediction models. This literature survey aims to explore the various methodologies, techniques, and algorithms employed in the development of stock prediction web applications. Traditional Methods: Time Series Analysis: Traditional statistical methods such as ARIMA (AutoRegressive Integrated Moving Average) and Exponential Smoothing have been widely used for stock price prediction. These methods rely on historical stock price data to forecast future trends. Fundamental Analysis: Fundamental factors such as company financials, economic indicators, and industry trends are analyzed to predict stock prices. Techniques include earnings per share (EPS), price-to-earnings (P/E) ratio, and discounted .

PROPOSED SYSTEM

The proposed system can overcome all the limitations of the existing system. The system provides an interactive environment to its users. Our project is mainly designed for Education purposes.

1. Reduce efforts.
2. Make things easy to understand.
3. Proper use of Technology.
4. Time saver.
5. Better service.
6. User-friendliness and interactive.

CONCLUSION

This paper provides a review and comparative analysis of different stock market pre-diction parameter techniques. These techniques are used to evaluate stock market performance and trends. The stock market forecasting system is to increase accuracy. In this study to analyze a novel approach to improve the prediction of the results of stock,it means we will combine two or more methods to construct a novel approach method.