

# **Stock Market Predictor**

## **ABSTRACT**

### **Team Profile:**

Team No: 17

PES2UG20CS196 - Mihir Jayaprakash

PES2UG20CS199 - Mitul Joby

PES2UG20CS219 - Navyae Goyal

PES2UG20CS234 - Noel Jacob Abraham

### **Description:**

Stock market prediction and analysis are some of the most difficult jobs to complete. There are numerous causes for this, including market volatility and a variety of other dependent and independent variables that influence the value of a certain stock in the market. These variables make it extremely difficult for any stock market expert to anticipate the rise and fall of the market with great precision.

However, with the introduction of Machine Learning and its strong algorithms, the most recent market research and Stock Market Prediction advancements have begun to include such approaches in analyzing stock market data.

This article will walk through a simple implementation of analyzing and forecasting the stock prices of a Popular Worldwide Online Retail Store in Python using various Machine Learning Algorithms.

### **Clientele:**

The project's machine learning algorithms can be widely utilized by many organizations in Stock market prediction.

General public interested in the Stock market can make great use of this tool to aid them in their investment plans.

**Plan of Work:**

1. Login Page and Register Page - Mihir
2. Model construction and backend server - Mitul
3. Model training, testing and TUI - Noel
4. Home Page and Land Page - Navyae