

# Stock Market Prediction



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## SUBMITTED BY:

Robass Atif	2022-CS-150
Muhammad Saad	2022-CS-148
Muhammad Ahmad	2022-CS-144

Submitted to:

Dr. Amna Zafar

Department of Computer Science

**University of Engineering and Technology Lahore**  
**Pakistan**

## Introduction

This project aims to analyze historical stock market data to develop a predictive model for forecasting future stock price trends. By leveraging data-driven insights, the project intends to assist investors in making informed decisions.

## Problem Statement

The stock market is highly volatile, making it difficult for investors to predict future price movements accurately. The challenge lies in analyzing vast amounts of market data to identify patterns and predict future trends.

## Objectives

- Analyze historical stock market data to identify patterns and trends.
- Develop a predictive model to forecast stock prices.
- Evaluate the impact of economic indicators on stock performance.
- Provide actionable insights for investors to optimize decision-making.

## Expected Outcomes

- A predictive model capable of forecasting stock price trends.
- A detailed report on stock market behavior and influential factors.
- Insights that assist investors in making informed decisions based on predictions.

## Conclusion

This project will offer valuable insights into stock market trends, providing investors with a reliable tool to predict future price movements, thereby minimizing risk and enhancing returns.