STOCK MARKET PREDICTION
Team 17

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INTRODUCTION

WHY THIS TOPIC?

Write about the problem you are trying to solve

To Develop an AI-driven stock prediction and portfolio optimization system tailored for the Indian market, empowering retail traders to make informed decisions and mitigate risks associated with emotional trading and weekly options contracts.

EXISTING SCENARIO

Explain the existing solutions if any else elaborate the old solution of the above mentioned problem

There are existing solutions like technical analysis tools, robo-advisors, and paid subscription services, but they lack a comprehensive approach tailored specifically for Indian retail options traders.
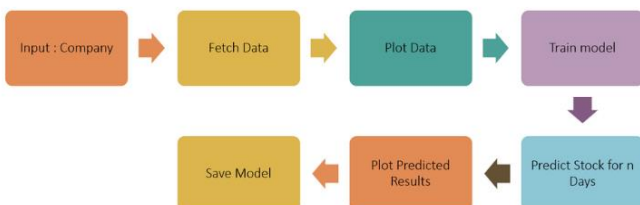
IDEA BEHIND THE PROPOSAL

Explain Your Solution and what innovation are you suggesting

Our proposed solution innovates by combining advanced machine learning models, sentiment analysis, risk management strategies, and portfolio optimization techniques into a comprehensive AI-driven system tailored specifically for Indian retail traders actively involved in options trading.
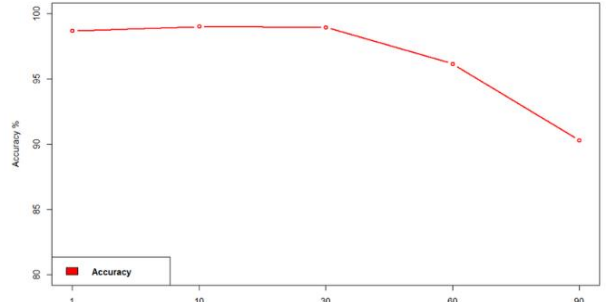
Algorithm Used

RESULTS

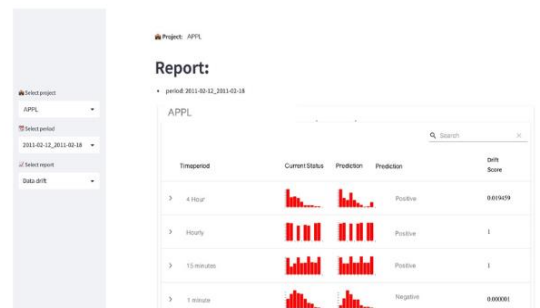## Conclusion & Future Scope

Conclude the project in 3 -4 lines and provide future scope

Our AI-driven system, tailored for Indian retail options traders, combines machine learning, sentiment analysis, risk management, and portfolio optimization, enabling informed investment decisions. Future scope includes integrating alternative data sources and expanding to global markets.