



Stock Price Prediction

Idea:

In this project, we will explore stock price prediction using computational finance techniques and machine learning models. This hands-on approach will allow you to apply theoretical concepts to real-world financial data, enhancing your practical skills.

Why?:

Accurate stock price prediction can provide valuable insights for making informed investment decisions and risk management. By mastering these techniques, you will gain a competitive edge in the finance industry, where data-driven strategies are increasingly crucial.

Tech-stack:

Python, Y-Finance, NumPy, Pandas, Seaborn, Predictive Model.

Similar Idea:

- Salary/ Money expenditure forecasting can be used to identify where and how much amount of money the user might spend on a particular sector (rent, food, transport) by analysing past data and spending behaviour.
- House price prediction can be used to find the selling price of a house based on total area , no of beds and baths, location, availability, etc.
- Product sales prediction based on the previous sales of a product and customer satisfaction(price, usage, packaging) companies can predict if the sales of the product will increase or decrease and how much profit they can earn from it.
- Prediction of traffic by observing daily trends on the amount of traffic and time of the day , amount of traffic and travel time on a particular road or in a particular area can be predicted.