



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:

1) Loan Default Prediction:

we can predict whether a borrower is likely to default on a loan. we can use historical loan data, features such as credit score, income, and loan amount, and build a classification model to assess credit risk

2) Weather Prediction:

Training a model on historical weather data to predict future temperatures, precipitation, and other weather patterns

3) Movie Recommendation Systems:

we can give recommendations on genre by analyzing user data (watch history, ratings) to suggest movies they might enjoy