



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. Predicting price of precious metal

The price of precious metals such as gold and silver can be analyzed, and predictions can be made using the previous data by using various regression models similar to the stock price prediction model.

2. Predicting bond prices

Bond prices can fluctuate, and they can be predicted by analyzing previous data using regression models which will help users to make right decisions to buy or sell.