FODS – Foundations of Data Science

Mini Project

Title:

Gold Price Prediction using Machine Learning

Team Member:

211701042 – Ramkesh

211701046 – Sanjeev Bragadeesh

Abstract:

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In this data science project, we develop a predictive model to forecast gold prices using machine learning techniques. Leveraging historical data, we import essential libraries such as Pandas for data manipulation, Numpy for numerical operations, Matplotlib for visualization, and Seaborn for statistical plotting. The project explores various features, including economic indicators and commodity trends, to identify patterns and correlations that influence gold prices. By experimenting with different machine learning algorithms, including regression models, we aim to enhance the accuracy of predictions. The results are visualized to provide insights into model performance and the underlying factors impacting gold price trends.

Dataset Link:

https://github.com/Ramkesh777/Data-science-Mini-Project