**Gold Price Prediction using Python**

This repository contains Python code for predicting gold prices using machine learning techniques. We utilize the Random Forest Regression algorithm to build the predictive model.

**Dependencies**

numpy

pandas

matplotlib

seaborn

scikit-learn

Installation

Make sure you have Python installed. You can install the required libraries using pip:

**Copy code**

pip install numpy pandas matplotlib seaborn scikit-learn

Usage

Clone the repository:

bash

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git clone - https://github.com/Chikku0103/GOLD-PRICE-PREDICTION

Navigate to the project directory:

bash

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cd https://github.com/Chikku0103/GOLD-PRICE-PREDICTION/blob/main/GOLDPRICE.csv

**Run the Python script:**

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python gold\_price\_prediction.py

**Description**

gold\_price\_prediction.py: This Python script contains the code for loading and preprocessing the gold price dataset, building the Random Forest Regression model, evaluating the model's performance, and saving the trained model using pickle.

**Dataset**

The dataset used for this project contains historical gold prices. Each record includes features such as gold prices, date, and other relevant factors affecting gold prices.

**Acknowledgments**

The dataset used in this project is obtained from OPEN CV.

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**Contact**

For any inquiries or suggestions, please feel free to contact us at AMSRIVASTAVA2002@GMAIL.COM.