2. Low-Level Design (LLD) Document

Low-Level Design Details:-

Module	Description
EDA.py	Responsible for loading and cleaning the dataset, handling missing values and duplicates.
feature_engineering.py	Creates new features such as moving average and volatility to enhance model performance.
model_training.py	Trains a Linear Regression model using the engineered features
app.py	A Flask backend that accepts user input and displays predicted results.
index.html	A user-friendly form where users enter values for prediction.
model.pkl	A serialized model file loaded by Flask for making predictions.