University of Petroleum and Energy Studies

CRYPTOCURRENCY HISTORICAL PRICES REPORT

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Crypto *Currency*

Summary Analytics

This project analyzes the price behaviour of three major cryptocurrencies: AAVE, Bitcoin (BTC), and Litecoin (LTC) using historical market data (Open, High, Low, Close, Volume). After conducting individual analyses, the combined study highlights cross-asset behaviour, statistical comparisons, and overall market trends.
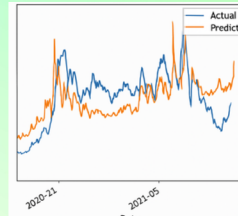
Exploratory Data Analysis

Data Preprocessing → Data Cleaning & Handling

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Dashboard ← Feature Engineering

Dashboards

AAVE SALES ANALYSIS

BITCOIN SALES ANALYSIS

LITECOIN SALES ANALYSIS

ML Regression model

The Linear Regression model offers a baseline predictive insight into future cryptocurrency price trends based on historical market behaviour.

Socio-Economic Impact

1. This project enhances financial literacy by providing transparent crypto analytics and data-driven insights.
2. It supports informed investment decisions and helps identify market risks through statistical and ML analysis.

Data Source: https://www.kaggle.com/datasets/sudalairajkumar/cryptocurrencypricehistory