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Crypto Time Series Analysis

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# OVERVIEW

This projects aims to bring out some insights and also some predictive analysis to forecast the future price of a particular cryptocurrency in this example I am using ShibaInu .

# GOALS

1. DESCRIPTIVE ANALYSIS (Data Cleaning , EDA and Visualizations)
2. PREDICRIVE ANALYSIS (Naive , Stats and ML/DL model)
3. MODEL EVALUATION (Comparison of models based of stete-of -the-art metrics)
4. Building an API (Flask)

# SPECIFICATIONS

Teh main specifications are:

1. Insights in form of dashboard.
2. Predictive forecasting on the go with API .

# MILESTONES

1. Data Collection (Pandas , API)
2. Data Cleaning (Pandas)
3. Data Vizualisation / EDA (Pandas , Matplotlib , Seaborn , darts , dash)
4. Data Preprocessing (darts)
5. Model Making and Evaluation/Comparison (Matplotlib ,Scikit-Learn, darts , Tensorflow)
6. API building for Forecasting (Flask , Tensorflow)