Data Collection and Preprocessing Phase

Date	20 Nov 2024
Team ID	739720
Project Title	Time Series Analysis for Bitcoin Price Prediction using Prophet
Maximum Marks	2 Marks

Bitcoin Price Report Template

The Bitcoin Price Report Template will summarize bitcoin data quality issues from the selected source, including severity levels and resolution plans. It will aid in systematically identifying and rectifying data discrepancies.

Data Source	Data Quality Issue	Severity	Resolution Plan
Kaggle BTC Dataset	Missing values in some timestamps	Moderate	Use forward fill or interpolation techniques to fill missing values
Kaggle BTC Dataset	Irregular time intervals	High	Resample data to daily frequency for consistency
Kaggle BTC Dataset	Outliers due to sudden market crashes	Low	Apply rolling window smoothing or z-score method to handle mild outliers