# Bitcoin Transactions Descriptive Analysis

Team :

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## Problem Statement :

* Given data of Bitcoin transaction, the goal is to perform a descriptive analysis of the data to gain insights into the nature of the transactions. The analysis should aim to identify patterns, trends in the transaction data and provide a summary of key metrics and statistics. The analysis shall cover various aspects of the Bitcoin transaction data, including transaction volume, transaction size, transaction fees, and transaction frequency.

## Approach:

* Collect the BTC transactions data from JSON file / real-time streaming
* Using Apache spark, to perform computational operations, resulting into summary of key metrics and statistics.
* Visualize the analysis results

## Technologies and Tool:

* Apache kafka
* Apache Spark
  + Spark batch processing / structured streaming