Final Project Crypto Forecast with Twitter Data

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CSCI E-88, Fall 2022, Principles of Big Data Processing
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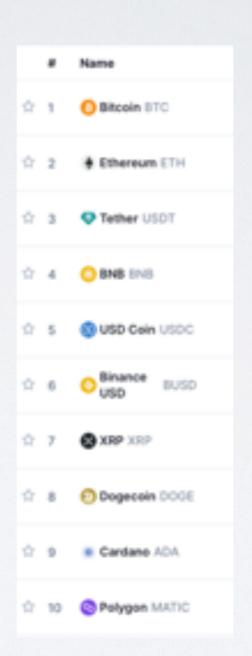
PROJECT GOAL AND PROBLEM STATEMENT

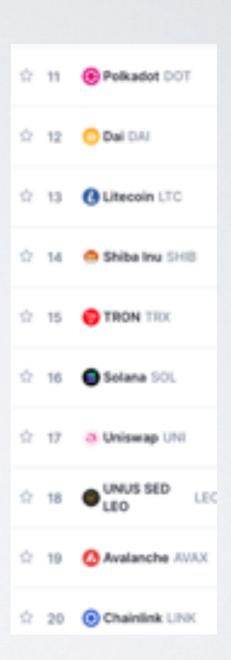
With the recent collapse of the FTX crypto scam, I wonder if data from Twitter related to the top cryptocurrencies can be collected and used to correlate and forecast volatility.

This project aims to demonstrate how to build a system that collects real-time tweets of the existing cryptocurrencies -using keywords. This data can be indexed by its exchange symbols and fed into Elastic Cloud for graphical presentation and analysis.

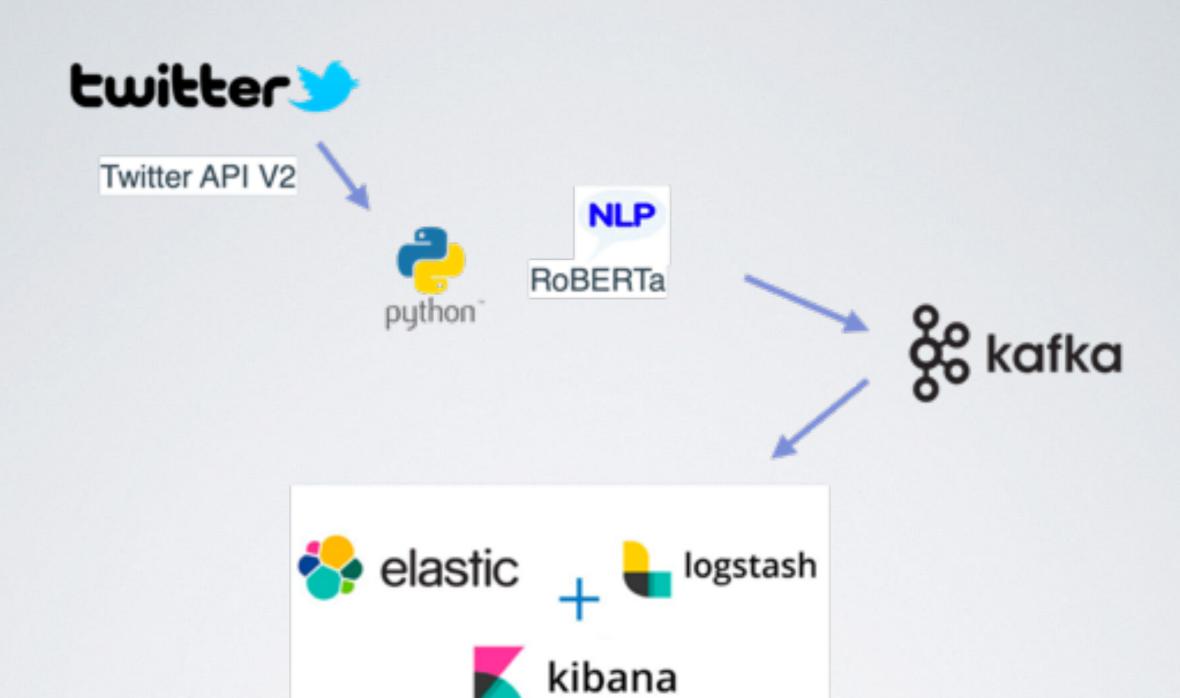
BIG DATA SOURCE

The data source is Twitter streaming data, filtered to receive tweets related to the top 20 cryptocurrencies.



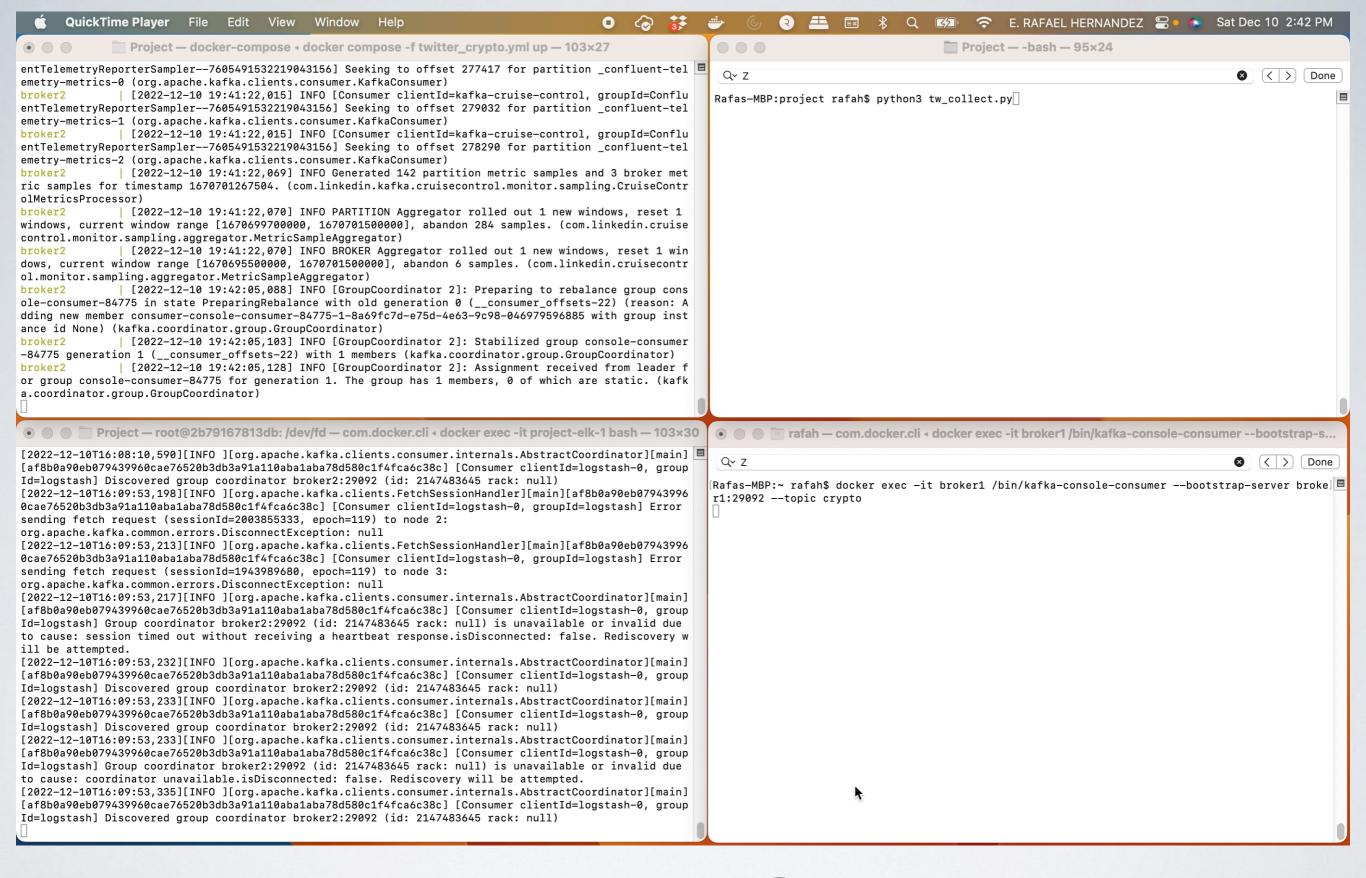


From: https://coinmarketcap.com

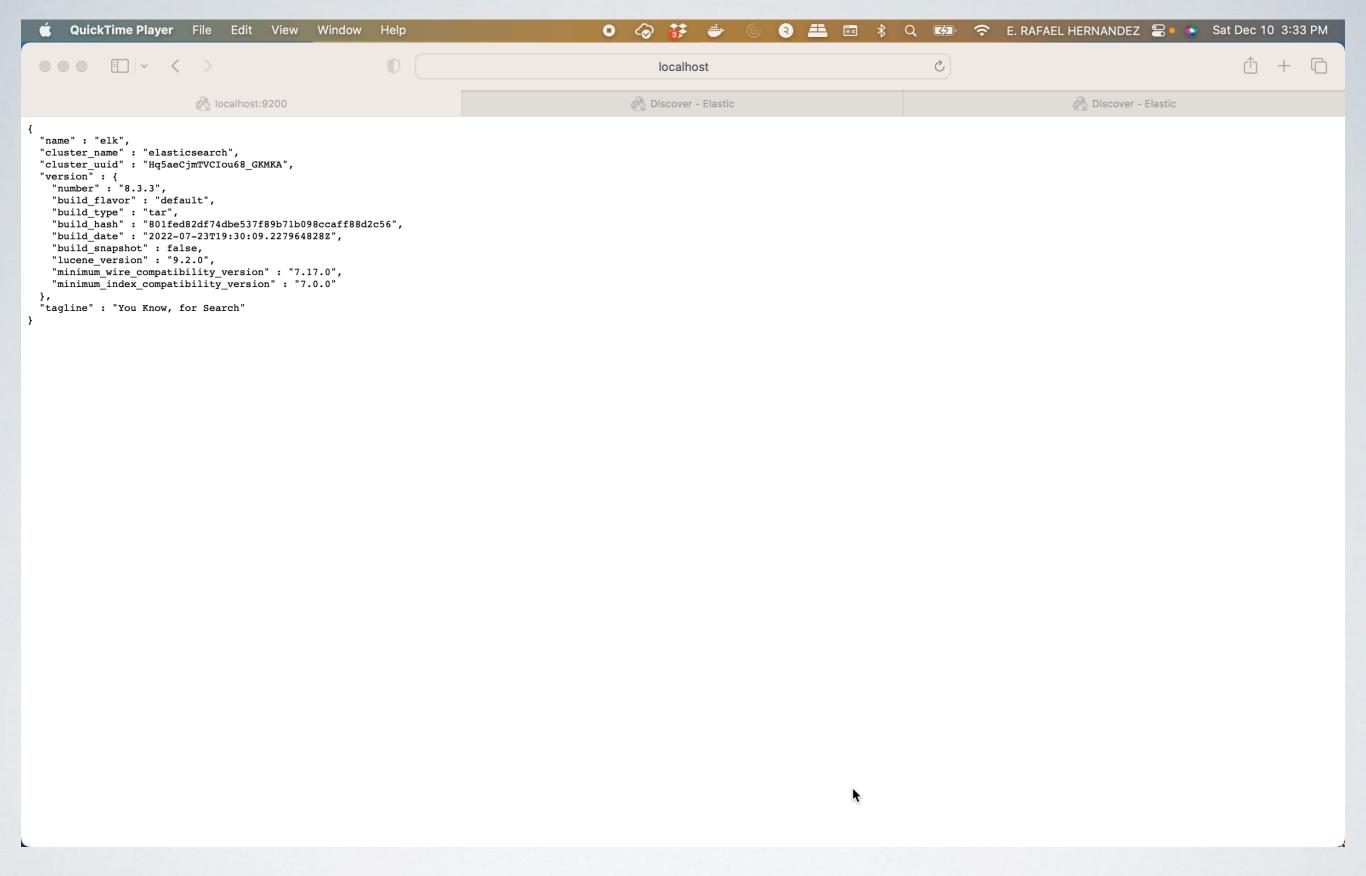


PROCESSING PIPELINE DIAGRAM

QUICK DEMO







DEMO

THANYOU