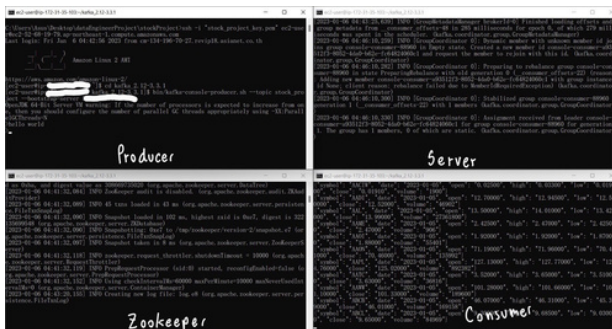


# Introduction

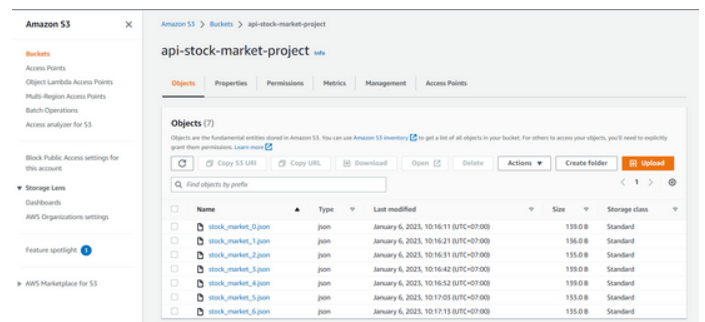
This project is a Real-Time data stock market data streaming project. The purpose of this project is to collect a data from stock market API in the Real-Time and then send keep it in a database so we can easily query data in the database through SQL

# Technology Used

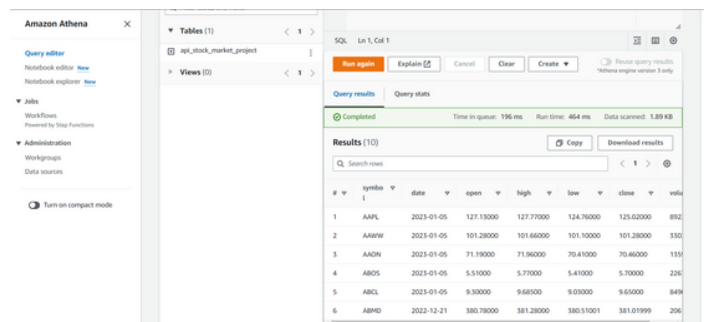
- Twelve API (Free stock market API)
- Python
- Apache Kafka
- EC2 , S3 , GLUE , ATHENA (AWS)



Data Streaming



data store in AWS S3



Using AWS Athena on top of AWS to Glue to query data by using SQL

# Disclaimer

- Some parts of this project will not be in GitHub for example setting up AWS S3, Glue, and Athena.
- This project had inspiration from <https://github.com/darshilparmar/stock-market-kafka-data-engineering-project>
- Limit of Twelve data is 800 requests/day. Link : <https://rapidapi.com/twelve-data/api/twelve-data1/>
- Twelve data API has an error with a few data so we need to be careful and avoid data that will make an error