**STREAMING FINANCE DATA WITH AWS LAMBDA**

This project is aiming to provision a Lambda function to be able to get near real time finance data records for downstream processing and interactive querying.

The data is collected from Yahoo finance with *yfinance* package and loaded into AWS S3 bucket via kinesis, AWS Glue sets up a tabular format for this data and AWS Athena are leveraged to perform interactive querying using sql.

Chart, diagram, box and whisker chart

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**AIM**

Collecting one full day’s worth of stock price data and both HIGH and LOW prices for the 10 companies listed below on for May 2nd,2022, to May 3rd 2022, at a five minute interval.

**Facebook (FB), Shopify (SHOP), Beyond Meat (BYND), Netflix (NFLX), Pinterest (PINS)Square (SQ), The Trade Desk (TTD), Okta (OKTA), Snap (SNAP), Datadog (DDOG)**

KINESIS DATA FIREHOSE STREAM MONITORING:

Graphical user interface, text, application, email

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A screenshot of a computer

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LAMBDA FUNCTION EXECUTION RESULTS:

Graphical user interface, text, website

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Graphical user interface, text, application

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