Project 3

Streaming Finance Data with AWS Lambda

>> For this project, we used AWS Lambda to retrieve and process a real time data consumption, stored the data in an S3 Bucket, used Athena to query relevant information and then find insightful information and create visualizations using Jupyter Notebook.

>>**The Assets folder contains screenshots for:**

>>> S3 Bucket where the data streamed from Lambda is Stored

>>> The Athena Query and Results

>>> The Kinesis Monitor

>>> The Results from the executed code in Lambda

>> The Jupyter Notebooks contain codes for visualizations.

>>> COST has the maximum volatility

>>> COST has the highest average daily volatility

>>> EBAY has the lowest daily maximum volatility

>>> Volatility for Amazon from 4/10/23 to 5/19/23