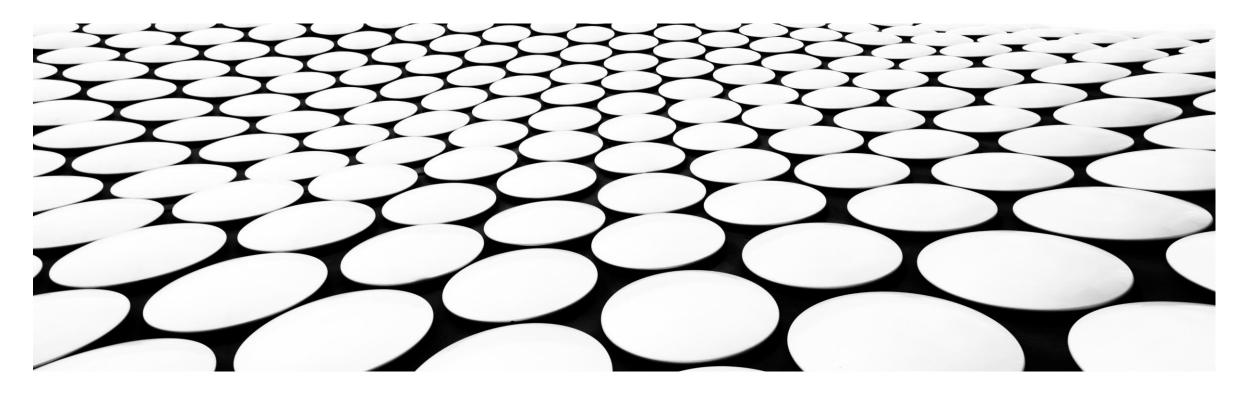
STOCK MARKET ANALYSIS

SUBMISSION BY TEAM-X



HISTORICAL TIME DATA ANALYSIS

We are making use of Yahoo Finance to get the Stock data and making use of various mathematic algorithms which include distribution analysis and Price movement action to get back the dates for which our algorithm believes are the dates in which there is a Significant movement.

LOGIC

- So for the dates that we have filtered out from our algorithms which tells us about the extreme points, we send those dates to our agents and they look for the news on the web using serpapi and return us back with a description and the sentiment which you can see in the SLIDE BELOW, which contains a shot from the POSTMAN.
- We also are giving a future based prediction of news opinion on that stock as well, so we can help our customers stay ahead.

POST	https://sj5d8cge8f.execute-api.us-east-2.amazonaws.com/default/agent		Send
Params	Authorization Headers (8) Body Pre-request Script Tests Settings		Cookie
none	🔵 form-data 🔍 x-www-form-urlencoded 🥌 raw 🔍 binary 🛛 Text 🗸		
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Body Coo	kies Headers (5) Test Results	Status: 200 OK Time: 13.61 s Size: 3.55 KB	Save Response
Pretty	Raw Preview Visualize Text ~		

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DEPLOYMENT

• We have deployed our application on hatchabox and we have created our entire frontend and backend on ruby and rails and we have made use of AWS LAMBDA for deployment of our logic as well.