**DAY 36**

import requests

from twilio.rest import Client

STOCK\_NAME = "TSLA"

COMPANY\_NAME = "Tesla Inc"

STOCK\_ENDPOINT = "http://www.alphvantage.co/query"

NEWS\_ENDPOINT = "http://newsapi.org/v2/everything"

STOCK\_API\_KEY = "G4FI7TY9IRF3I7AU"

NEWS\_API\_KEY = "90572cf1e9af4d449c49e3aa83de72a6"

stock\_parameters = {

"function": "TIME\_SERIES\_DAILY",

"symbol": STOCK\_NAME,

"apikey": STOCK\_API\_KEY

}

requests.get(STOCK\_ENDPOINT, params= stock\_parameters)

data = response.json()["Time Series (Daily)"]

data\_list = [value for (key, value) in data.items()]

yesterday\_data = data\_list[0]

yesterday\_closing\_price = yesterday\_data["4.close"]

print(yesterday\_closing\_price)

day\_before\_yesterday\_data = data\_list[1]

day\_before\_yesterday\_closing\_price = day\_before\_yesterday\_data["4. close"]

difference = abs(float(yesterday\_closing\_price) - float(day\_before\_yesterday\_closing\_price))

diff\_percent = (difference / float(yesterday\_closing\_price)) \* 100

if diff\_percent > 1:

news\_params = {

"apiKey": NEWS\_API\_KEY,

"qInTitle": COMPANY\_NAME

}

news\_response = requests.get(NEWS\_ENDPOINT, params = news\_params)

articles = news\_response.json()["articles"]

print(articles)

three\_articles = articles[:3]

print(three\_articles)

formatted\_articles = [f"Headline: {article['title']}. \nBrief: {article['description']}" for article in three\_articles]

**DAY 37**

import requests

pixela\_endpoint = "https://pixe.la/v1/users"

USERNAME = "Wale"

TOKEN = "mkdmkwdkndnncbcdhd"

user\_params = {

"token" : TOKEN,

"username": USERNAME,

"agreeTermsOfService": "yes",

"notMinor": "yes"

}

# response = requests.post(url = pixela\_endpoint, json=user\_params)

# print(response.text)

# Add username to graph endpoint

graph\_enpoint = f"{pixela\_endpoint}/{USERNAME}/graphs"

graph\_config = {

"id":"graph1",

"name":"Cycling Graph",

"unit": "Km",

"type": "float",

"color": "kuro"

}

headers = {

"X-USER-TOKEN":TOKEN

}

response = request.post(url = graph\_enpoint, json = graph\_config)

print(response.text)

**DAY 41**

<!--Introduction to HTML-->

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Abdulrazaq’s Personal Website</title>

</head>

<body>

<h1>Adewale Abdulrazaq</h1>

<p><h2>A Cyber Security expert</h2></p>

<p>I am a penetration tester</p>

<hr>

<h3>Computing</h3>

<ul

<li>The complete Cyber Workshop</li>

</ul>

</body>

</html>

**DAY 42**

<!--Tables in HTML-->

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<h3>Work Experience</h3>

<table>

<thead>

<tr>

<th>Dates</th>

<th>Work</th>

</tr>

</thead>

<tr>

<td>2010-2013</td>

<td>Main developer at MIS</td>

</tr>

<tr>

<td>2010</td>

<td>Cybersecurity Expert</td>

</tr>

</table>

<hr>

<h3>Skills</h3>

<table>

<tr>

<td>Ethical Hacking</td>

</tr>

<tr>

<td>AI Development</td>

</tr>

<tr>

<td>Machine Learning</td>

</tr>

</table>

<hr>

</body>

</html>