**Social Media Analytics Lab**

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**Lab 5. Getting the stargazers of a GitHub Repository**

In this lab you will access your GitHub Profile and find the number stargazers of a particular repository

**Getting User Data**

**Install PyGithub requests and get information about your GitHub Profile**

import requests

from pprint import pprint

username = ""

url = f"https://api.github.com/users/{username}"

user\_data = requests.get(url).json()

pprint(user\_data)

**Getting Public repositories of a user**

import base64

from github import Github

from pprint import pprint

username = "janu123"

g = Github()

user = g.get\_user(username)

for repo in user.get\_repos():

print(repo)

**Querying for stargazers of a particular repository**

**Try this for different GitHub users**

from github import Github # pip install pygithub

ACCESS\_TOKEN = '’

USER = 'ptwobrussell'

REPO = 'Mining-the-Social-Web'

#REPO = 'Mining-the-Social-Web-2nd-Edition'

client = Github(ACCESS\_TOKEN, per\_page=100)

user = client.get\_user(USER)

repo = user.get\_repo(REPO)

stargazers = [ s for s in repo.get\_stargazers() ]

print("Number of stargazers", len(stargazers))