


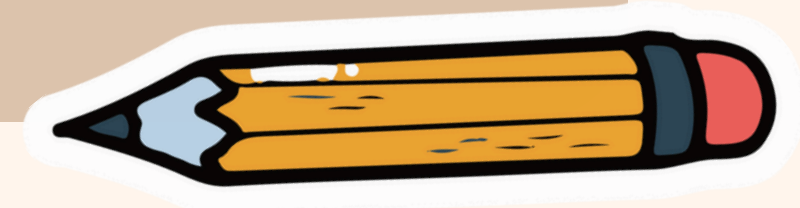
# **Scooby Doo Deep Dive**

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Berridge, Megan Straffon



# Background

- 
- We used a dataset from Kaggle containing information on every scooby doo episode, movie, and special
  - Contains information regarding the network, monster name, and type, who caught them, and more.
  - Total of 75 columns



# Megan's Scraping

```
In [80]: from selenium import webdriver
        from selenium.webdriver.common.by import By
        from bs4 import BeautifulSoup
```

```
In [81]: driver=webdriver.Chrome()
```

```
In [82]: login='https://www.kaggle.com/account/login?phase=emailSignIn&returnUrl=%2F'
```

```
In [83]: driver.get(login)
```

```
In [84]: login=driver.find_elements(By.CLASS_NAME,"mdc-text-field__input")
```

```
In [85]: login[0].send_keys("meganstraffon@gmail.com")
```

```
In [86]: login[1].send_keys("password1")
```

```
In [88]: button=driver.find_element(By.CSS_SELECTOR,".sc-hVkBjg.hLHXAF")
```

```
In [89]: button.click()
```

```
In [90]: data='https://www.kaggle.com/datasets/williamschooleman/scoobydoo-complete?resource=download'
```

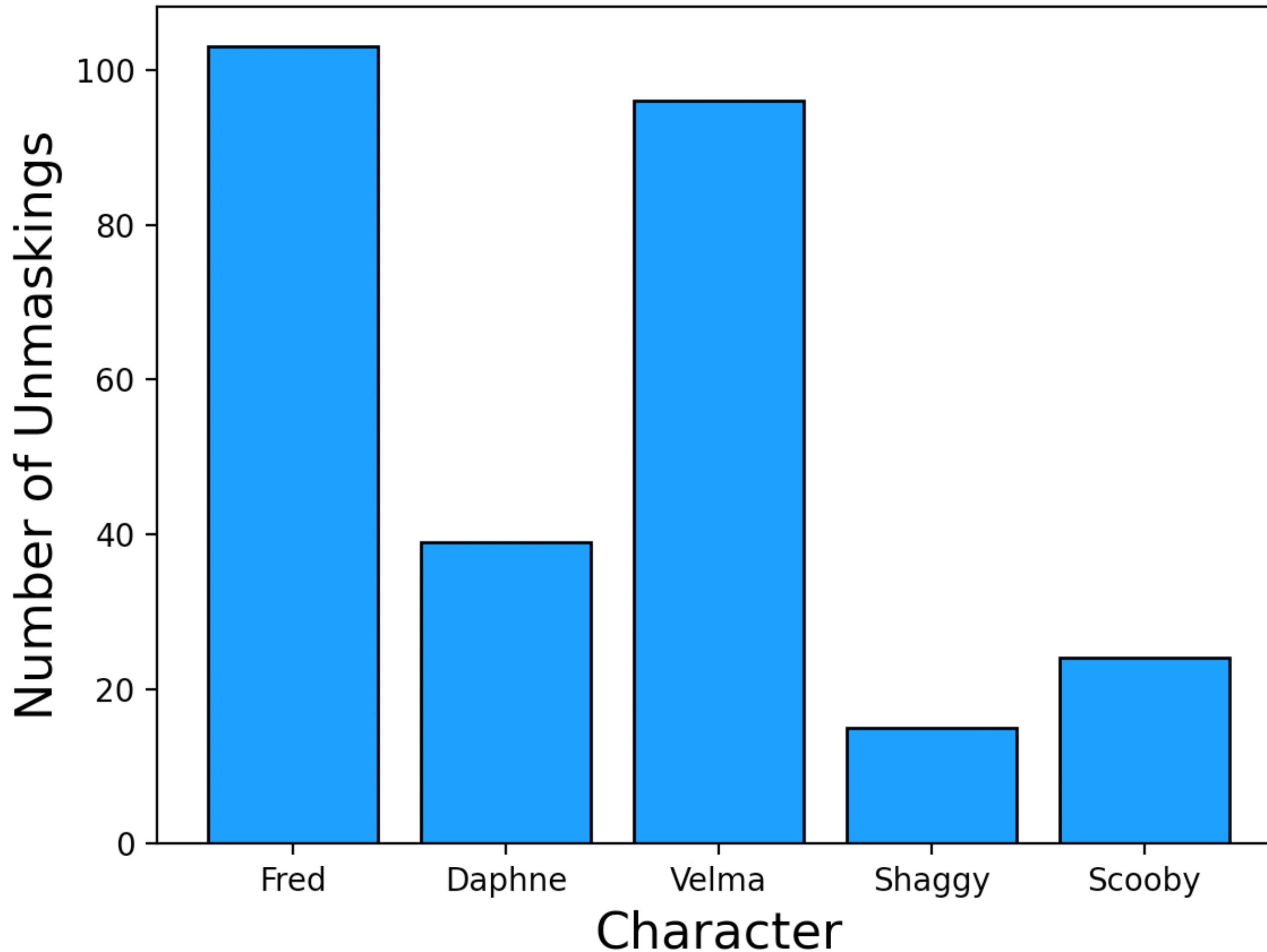
```
In [91]: driver.get(data)
```

```
In [92]: dbutton=driver.find_element(By.CLASS_NAME,"sc-hVkBjg.gKVnlg.sc-kKQBHJ.ijaajgO")
```

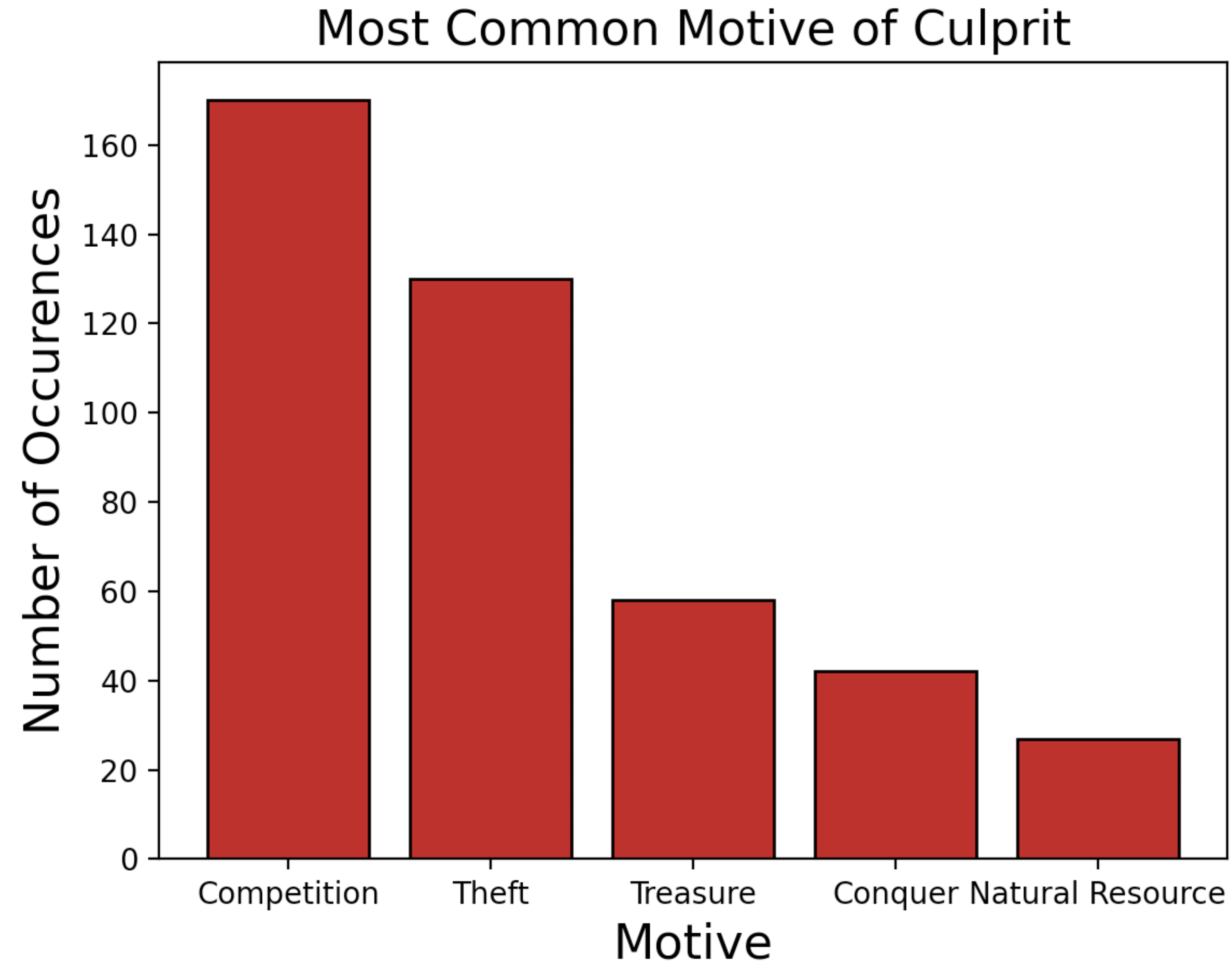
```
In [93]: dbutton.click()
```

# Graph 1

Which Scooby Doo Character Unmasked Most?

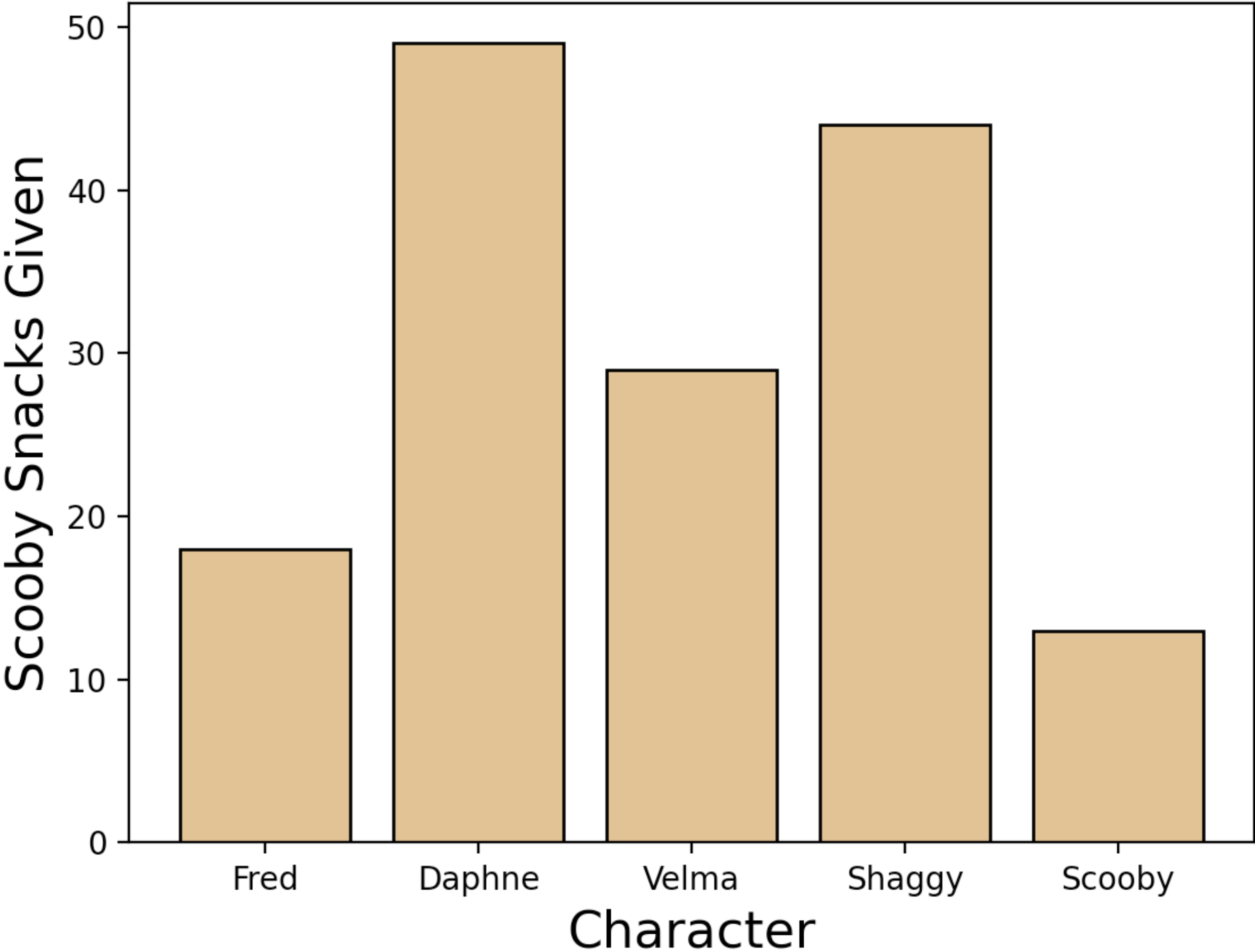


# Graph 2



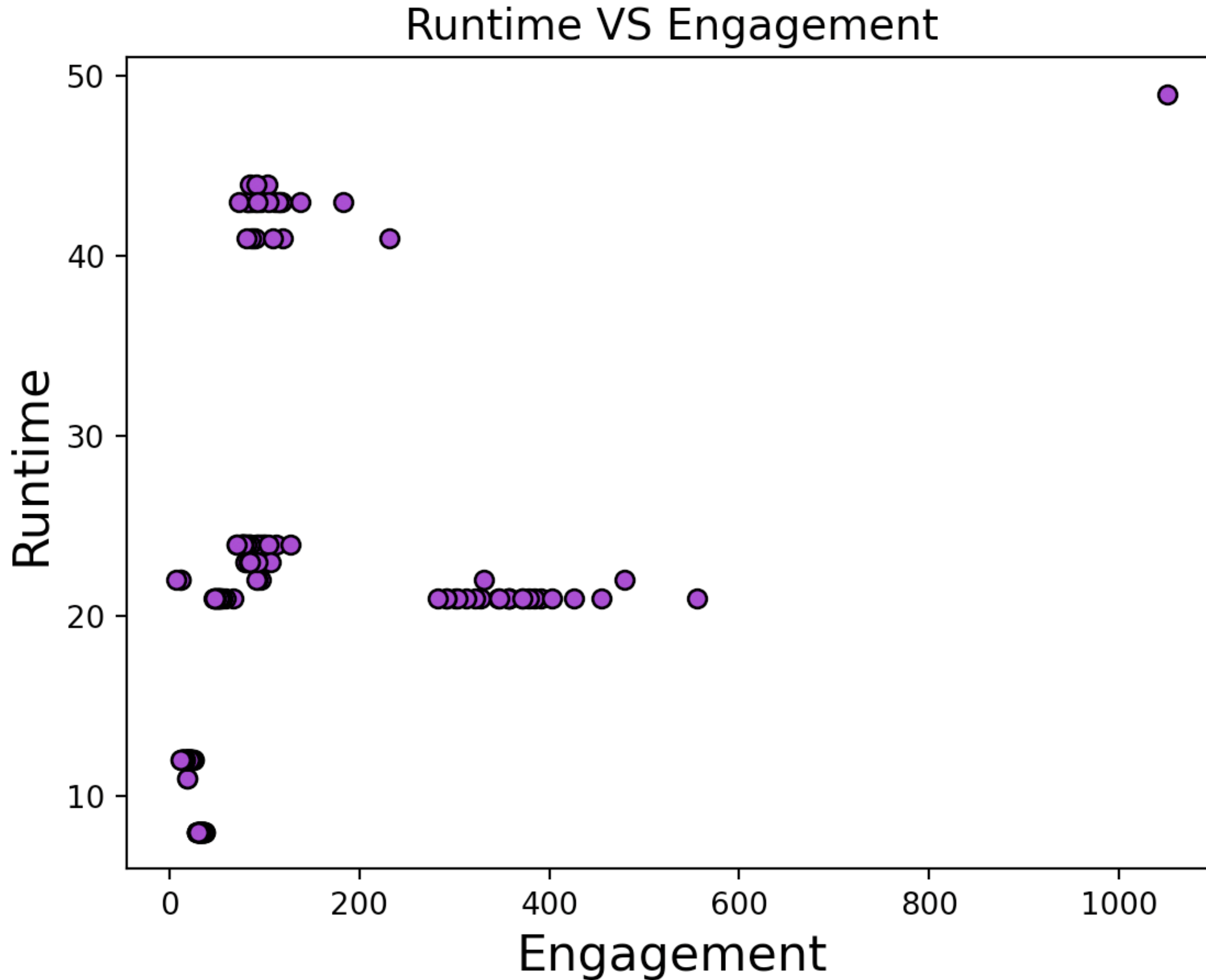
Which Scooby Doo Character Gave the Most Scooby Snacks?

# Graph 3



# Graph

4



# Erin's Scraping

```
# --- Web Scraping -----
```

```
url = 'https://www.kaggle.com/account/login?phase=emailSignIn&returnUrl=%2F'
```

```
browser = webdriver.Chrome()
```

```
browser.get(url)
```

```
login_fields = browser.find_elements(By.CLASS_NAME, 'mdc-text-field__input')
```

```
login_fields[0].send_keys('eriberridge@gmail.com')
```

```
login_fields[1].send_keys('dummpass')
```

```
time.sleep(1)
```

```
loginBtn = browser.find_element(By.CSS_SELECTOR, '.sc-hVkBjg.hLHXAF')
```

```
loginBtn.click()
```

```
time.sleep(2)
```

```
scooby = 'https://www.kaggle.com/datasets/williamschooleman/scoobydoo-complete'
```

```
browser.get(scooby)
```

```
get_here = browser.find_element(By.CSS_SELECTOR, '.sc-gVCVku.dAnUcv')
```

```
time.sleep(1)
```

```
browser.execute_script("arguments[0].scrollIntoView();", get_here)
```

```
time.sleep(2)
```

```
dwnldBtn = browser.find_element(By.CSS_SELECTOR, '.rmwc-icon.rmwc-icon--ligature.google-material-icons.sc-BKAtq.fmysTT')
```

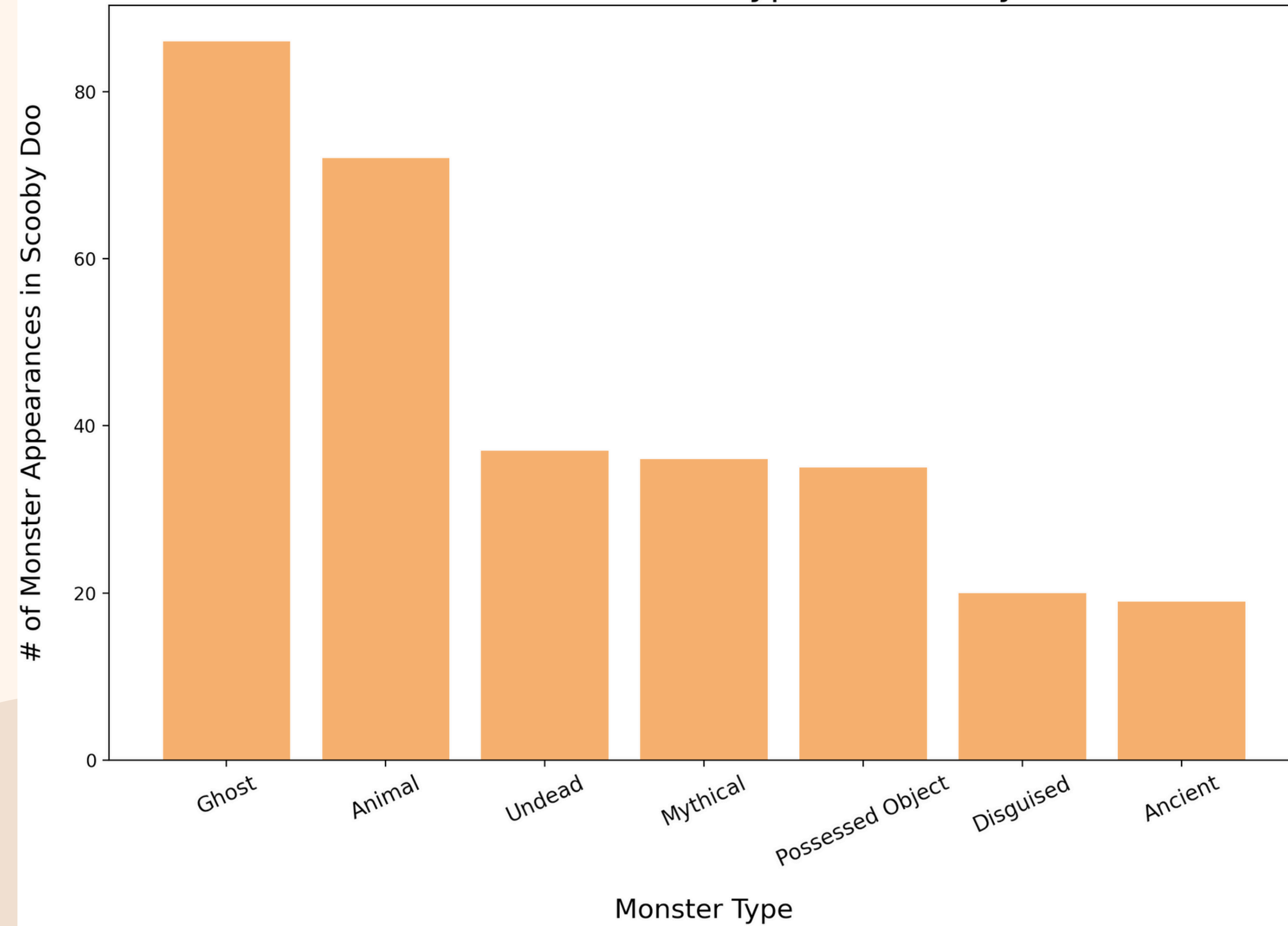
```
dwnldBtn.click()
```

```
time.sleep(3)
```

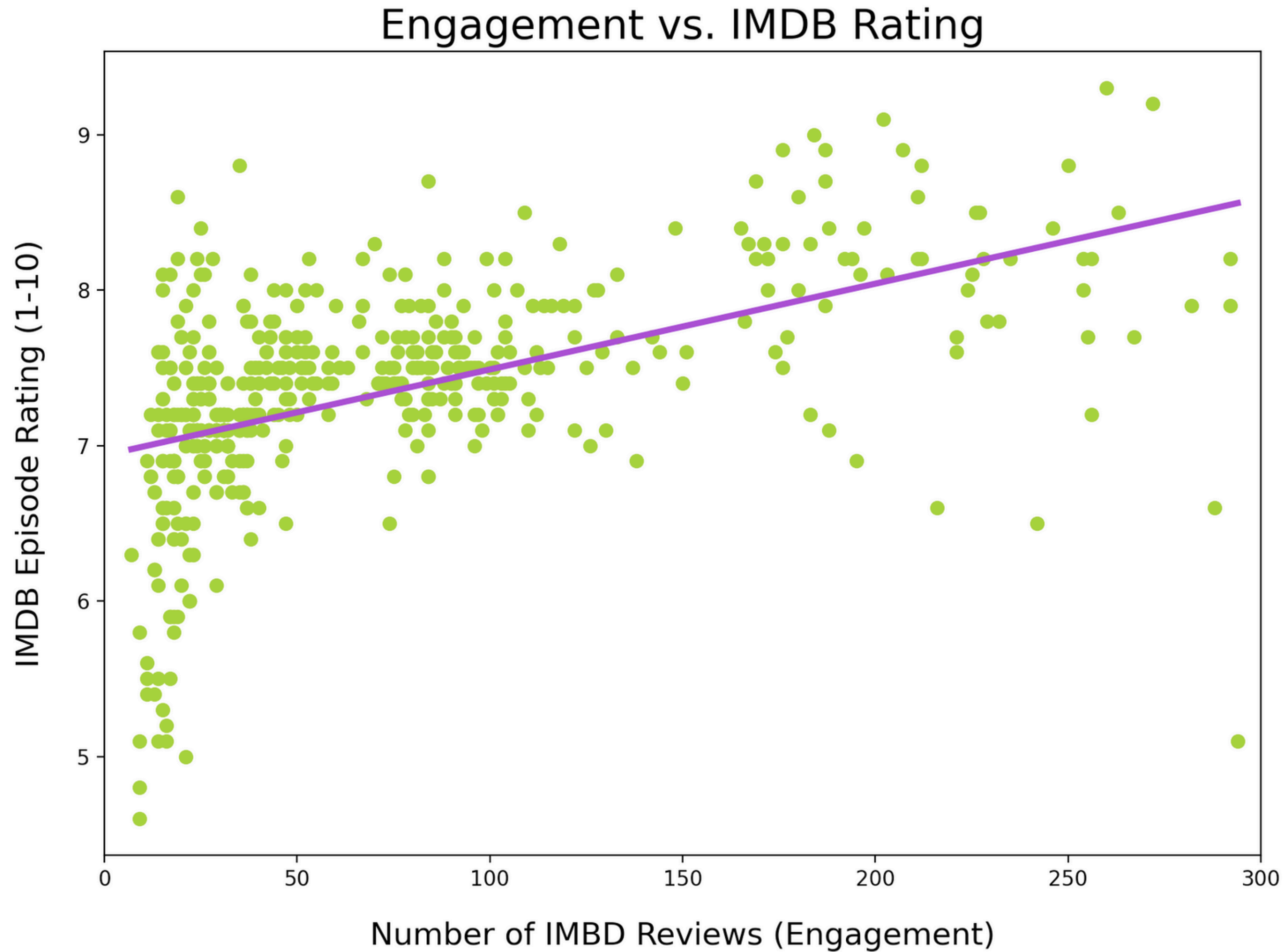


Most Common Monster Types in Scooby Doo

**Graph 1**

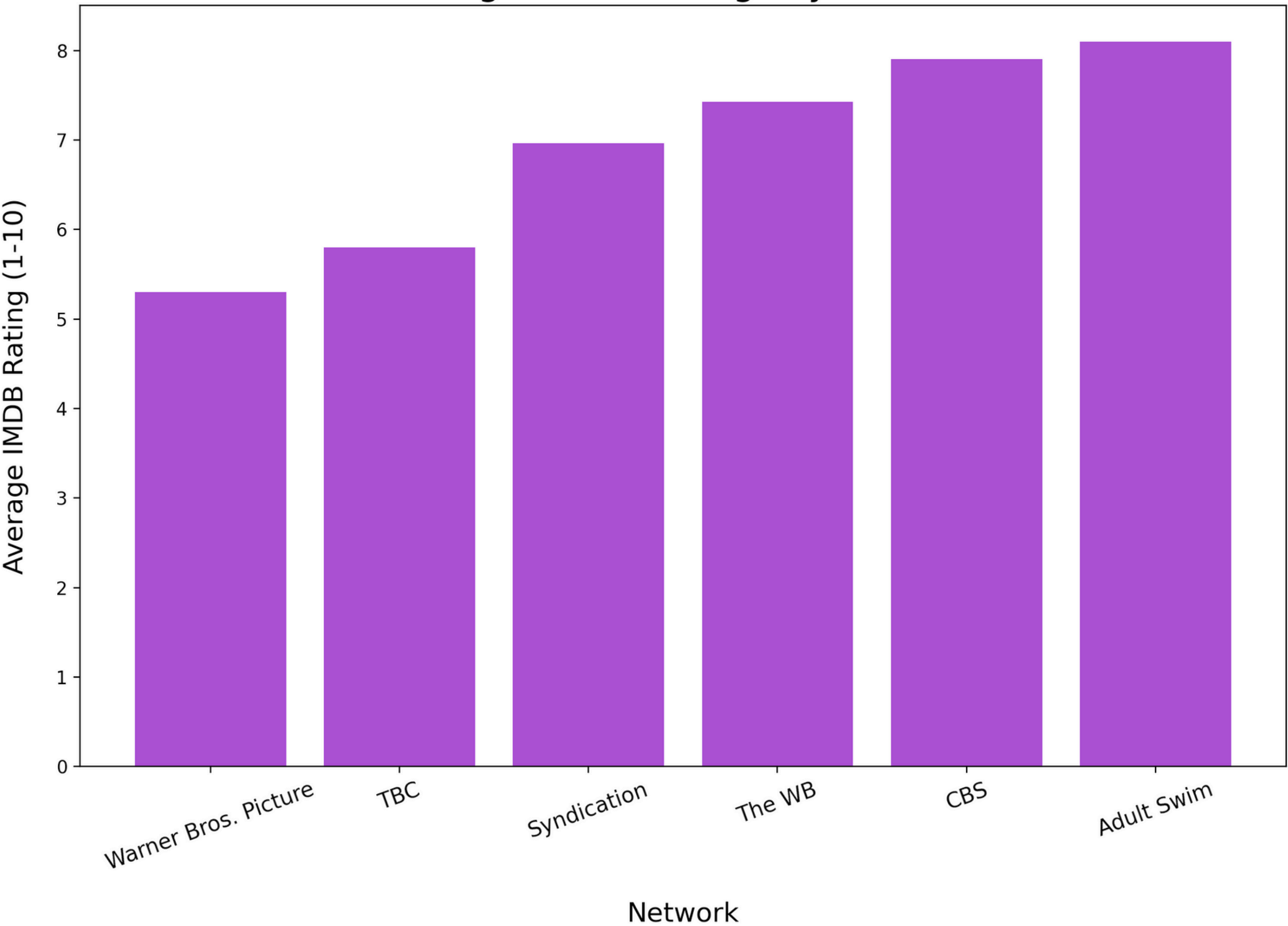


# Graph 2



Average IMDB Ratings by Network

Graph 3



# Anushka's Scraping

```
In [141]: from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.support.ui import WebDriverWait
from selenium.webdriver.support import expected_conditions as EC
from bs4 import BeautifulSoup
```

```
In [142]: browser = webdriver.Chrome()
```

```
In [143]: #Accessing the website
signin = "https://www.kaggle.com/account/login?phase=emailSignIn&returnUrl=%2F"
browser.get(signin)

#Finding username and password and filling in fields with information
username_password = browser.find_elements(By.CLASS_NAME, "mdc-text-field__input")
username_password[0].send_keys("anushkabande")
username_password[1].send_keys("UnknownGhost@350")

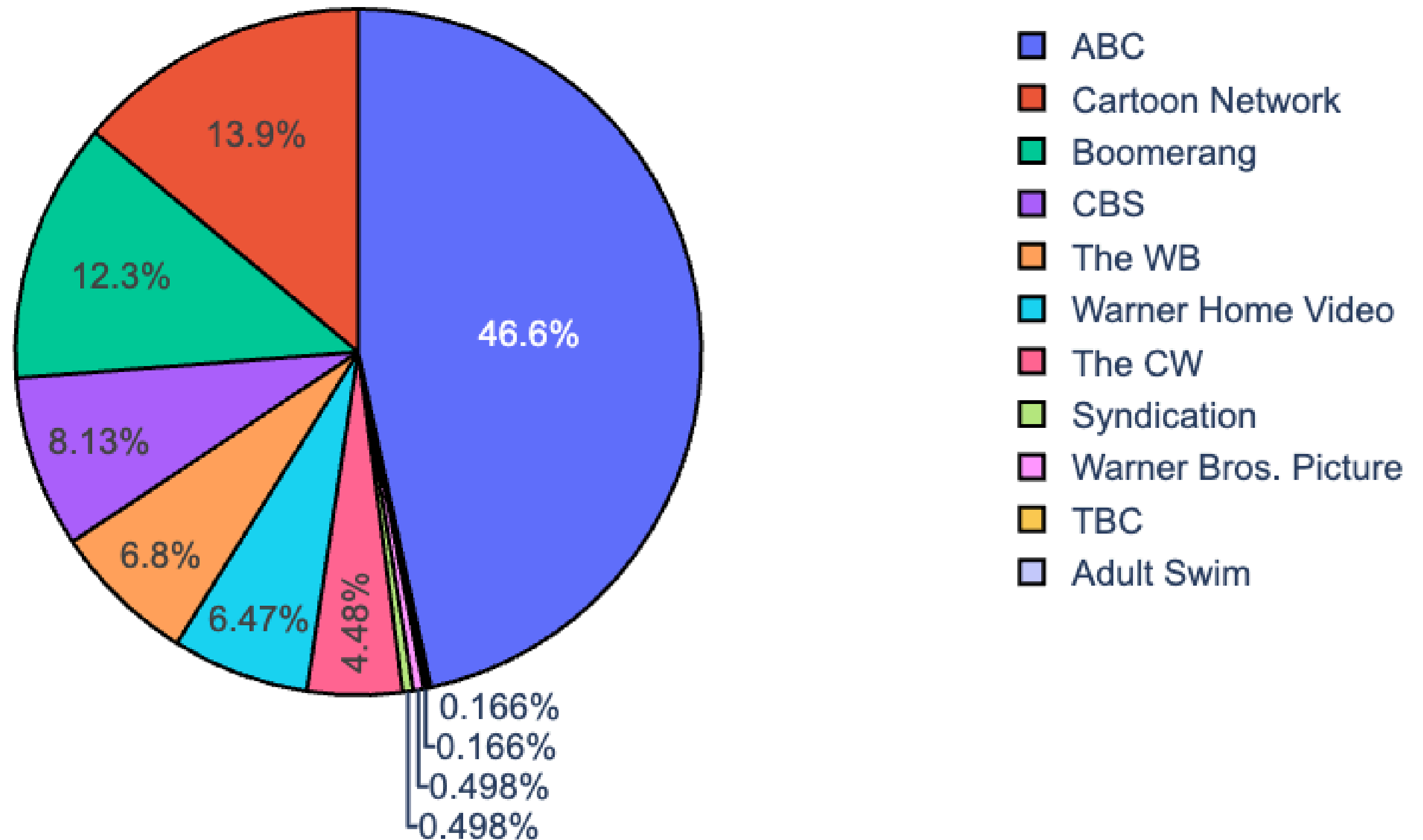
#Pressing on Sign In button
signin_btn = browser.find_element(By.CSS_SELECTOR, ".sc-hVkBjg.hLHXAF")
signin_btn.click()
```

```
In [144]: #accessing the data in a new tab
browser.execute_script('window.open("https://www.kaggle.com/datasets/williamschooleman/scoobydoo-complete");')
```

```
In [146]: #Finding and clicking the download button
download_btn = browser.find_element(By.CSS_SELECTOR, "sc-hVkBjg.gKVnlg.sc-kKQBHJ.ijaJgO")
download_btn.click()
```

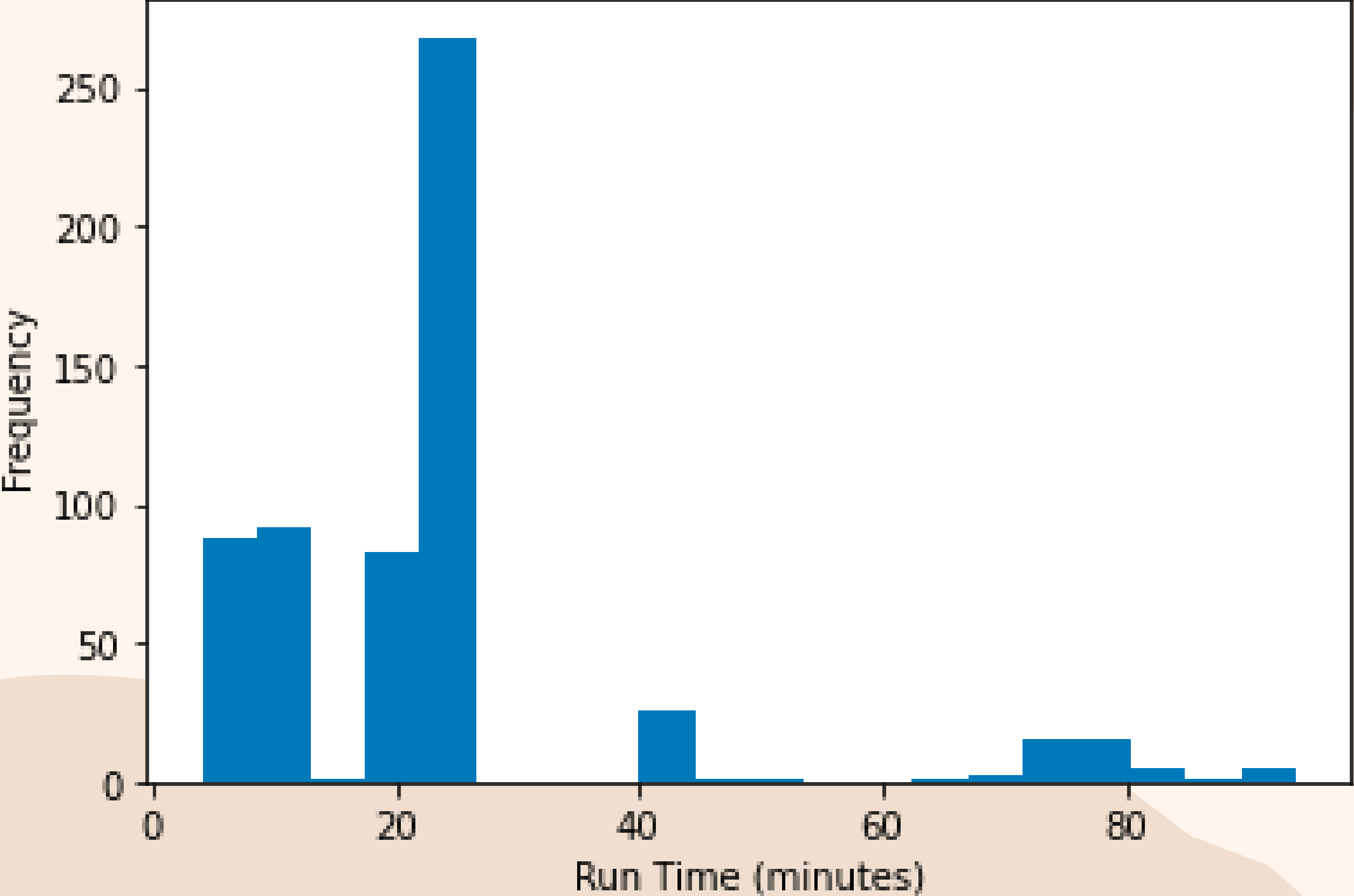
# Graph 1

Network Distribution

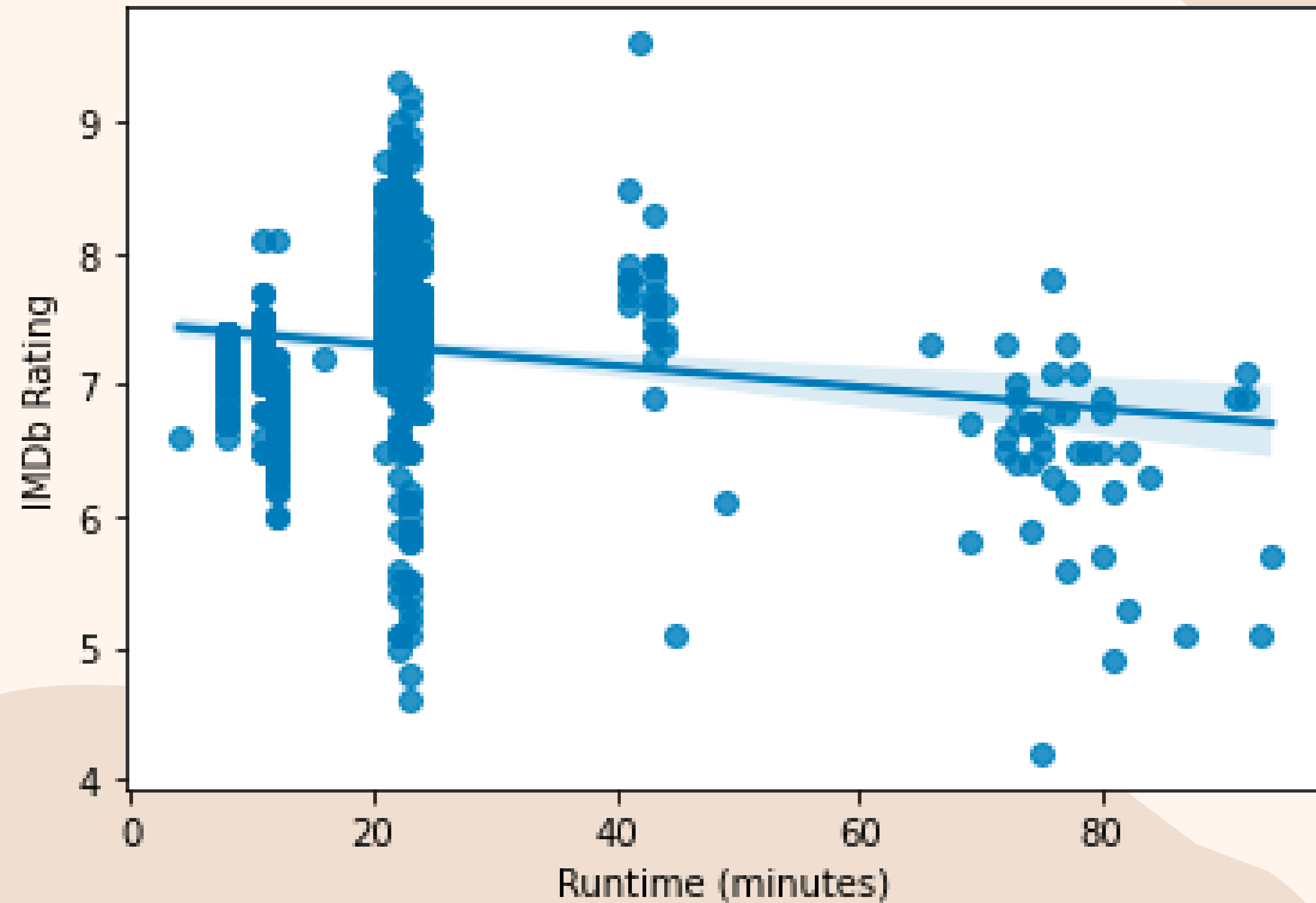


Distribution of Scooby Doo Episode Run Times

**Graph 2**



## IMDb Ratings vs. Runtime





Q

A

**Question  
Time**





THANK YOU  
SO MUCH!

