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Subject: SMA Class: BECO***

***Experiment No: 03***

***Aim:*** *Data Collection-Select the social media platforms of your choice(Twitter, Facebook, LinkedIn, YouTube, Web blogs etc) ,connect to and capture social media data for business (scraping, crawling, parsing).*

***Theory:***

***Social Media Scraping of samsung news channel using Python:***

1. ***Instagram:***

**import instaloader**

**import pandas as pd**

**from prettytable import PrettyTable**

**x = PrettyTable()**

**bot = instaloader.Instaloader()**

**profile = instaloader.Profile.from\_username(bot.context, “samsung”)**

**x.field\_names = ["Attribute", "Details"]**

**x.add\_rows(**

**[**

**["Username: ", profile.username],**

**["User ID: ", profile.userid],**

**["Number of Posts: ", profile.mediacount],**

**["Followers Count: ", profile.followers],**

**["Following Count: ", profile.followees],**

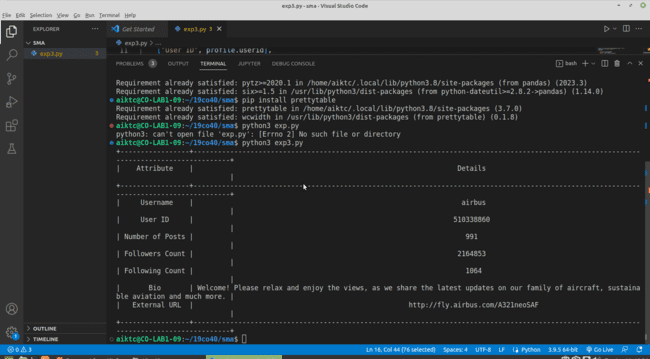
**["Bio: ", profile.biography],**

**["External URL: ", profile.external\_url],**

**]**

**)**

**print(x)**



**3.Facebook:**

**from facebook\_scraper import get\_posts**

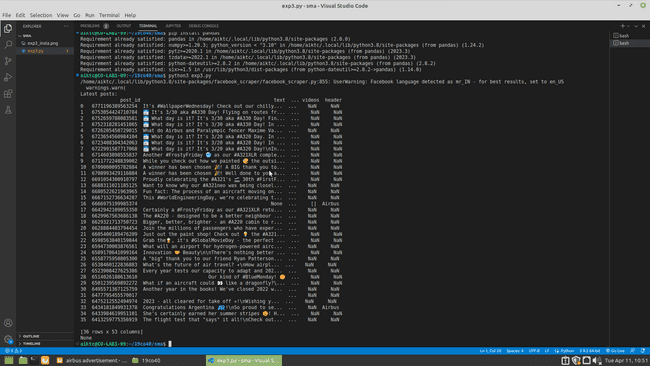
**import pandas as pd**

**fbPosts = []**

**for post in get\_posts('samsung', pages=10):**

**fbPosts.append(post)**

**print(print(f"Latest posts:\n {pd.DataFrame(fbPosts)}"))**



***Conclusion:***

*We have successfully collected samsung social media data from websites like Instagram, Twitter, and Facebook. In order to connect and capture social media data for businesses (scraping, crawling, parsing).*