

Instagram as a Connector

Problem Statement:

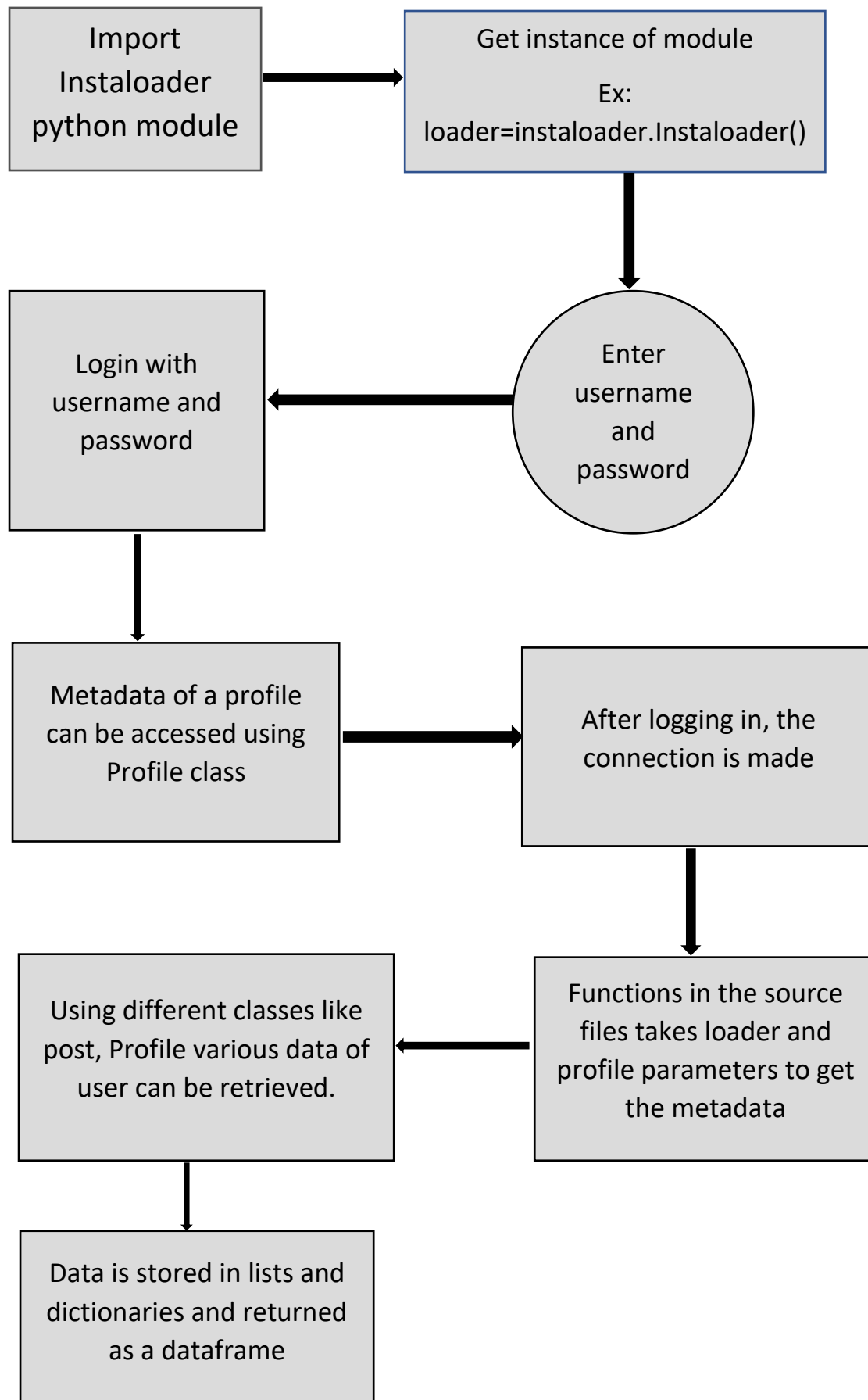
Getting the insights of an Instagram user profile by logging in to user's account using python module instaloader.

Details that could be retrieved are:

1. User's followers list
2. User's followees list
3. Post details such as
 - Post url
 - Post likes
 - Post comments
 - Post caption
 - Post location
 - Users tagged in the post
 - Date of the post

Official Module: **Instaloader** – python module

Process flow:



Output:

S.No.	function	output
1.	get_followees()	Returns followees names dataframe
2.	get_followers()	Returns followers names dataframe
3.	get_posts_details()	Returns the following data as dataframe for every post Rows : post number Columns : 0: 'video url', 1: 'video view count', 2: 'video duration', 3: 'posted date', 4: 'url', 5: 'likes', 6: 'comments', 7: 'caption', 8: 'location', 9: 'users tagged in post'

Example:

```
def get_followers(self, **kwargs):  
  
    if not self.conn:  
        self.create_conn()  
  
    followers_list = []  
  
    for follower in self.profile.get_followers():  
        followers_list.append(follower.username)  
  
    df = pd.DataFrame(followers_list)  
    return df
```

output:

```
C:\Users\deepu\AppData\Local\Programs\Python\Python310\python.exe C:/Users/deepu/Desktop/Instagram/main.py  
<instaloder.instaloder.Instaloder object at 0x000001FE6BCC5F90>  
  
0  
0      _dads_girl_1017  
1      epic_queen2919  
2      story_kiddo  
3      kavya___2205  
4      _g.n.r._  
..  
158     palapatireddy|  
159 bhavana___reddy___  
160     puppy_14317  
161     madhurireddy___  
162     deepak_reddy_odugu  
  
[163 rows x 1 columns]
```

References: <https://instaloder.github.io/as-module.html>