

Instagram OSINT Tool 2024

WITH GRAPHICAL INTERFACE

SARVESH MAHENDRA PATIL

CW-407

GURUGRAM CYBER POLICE INTERNSHIP PROJECT

23-06-2024

What is OSINT?

- Open Source Intelligence (OSINT) is the practice of collecting information from published or publicly available sources.

Project Overview

- Project Goal: Develop an advanced tool for gathering information from Instagram using the Instaloader library and a GUI built with Tkinter.
- Key Features:
- Login and session management
- Profile data extraction
- Downloading comments
- Listing followers and following
- Post insights and analytics

Project Structure

▼ INSTAGRAMOSINTTOOL2024

> __pycache__

 helpers.py

 insta_loader.py

 logo.png

 main.py

 ui_components.py

➤ Technologies Used

- Programming Language
- Libraries
- Tools
- `pip install instaloader tabulate`

Python

```
graph TD; A[Python] --> B[Instaloader, Tkinter, Tabulate]; B --> C[Proxychains]
```

Instaloader,
Tkinter, Tabulate

Proxychains

➤ GUI Overview

- ❖ USER INTERFACE:
- ❖ LOGIN PAGE
- ❖ PROFILE INFORMATION PAGE
- ❖ ACTIONS PAGE
- ❖ EASE OF USE: INTUITIVE NAVIGATION, CLEAR VISUAL REPRESENTATION OF DATA

Instagram OSINT Tool 2024

LoginProfile InfoActions

CYBER WARRIORS

सेवा सुरक्षा रक्षक

GURUGRAM CYBER POLICE

Keeping Gurugram Cyber Safe

Instagram Username:

Instagram Password:

Login

000000

Instagram OSINT Tool 2024

LoginProfile InfoActions

Target Username:

Find Profile

Attribute

Value

Instagram OSINT Tool 2024

LoginProfile InfoActions

Download Full Profile

Download All Comments

Get List of Followers

Get List of Following

Total Likes

Get Post Insights


List of Users Tagged by Target

List of Users Who Tagged Target

➤ WORKING OF PROJECT

Instagram OSINT Tool 2024

LoginProfile InfoActions



GURUGRAM CYBER POLICE

Keeping Gurugram Cyber Safe

Instagram Username:

Instagram Password:

Login

Login

Profile Info

Actions

Target Username:

m

Find Profile

Attribute	Value
Username	m
Profile Name	
URL	ht
Followers	35
Following	35
Number of Posts	9
Bio	
Profile Picture URL	ht
Is Business Account?	False
External URL	No
Joined Recently?	No
Business Category Name	No
Is private?	False
Is Verified?	False

Login

Profile Info

Actions

Download Full Profile

Download All Comments

Get List of Followers

Get List of Following

Total Likes

Get Post Insights

List of Users Tagged by Target

List of Users Who Tagged Target

Media ID	Commenter Username	Comment
2904		
2878	bl	
2878	in	
2878	in	
2878		
2781	rambha	
2781		
2781	prafu	
2781	mi	
2781		👤👤👤Bha:
2646		
2646		
2646		
2646		
2646		
2646	prafu	
2646		
2646	vec	
2646	vec	
2646	vec	
2646		

Login Profile Info Actions

- Download Full Profile
- Download All Comments
- Get List of Followers
- Get List of Following
- Total Likes
- Get Post Insights
- List of Users Tagged by Target
- List of Users Who Tagged Target

ID	Username	Full Name	
663565566564654	dego	Ni	
		d	
		Fa	
		s	
	itz_i	itz_1	
	the	Aji	
	sa	Sa	
		Ki	
	may	M	
		A	
	gaur	Gau	
	ada	Ad	

Login Profile Info Actions

- Download Full Profile
- Download All Comments
- Get List of Followers
- Get List of Following
- Total Likes
- Get Post Insights
- List of Users Tagged by Target
- List of Users Who Tagged Target

ID	Username	Full Name	
484			
519	di	di	
344	za	z	
676	a		
384	ha	Niharika	🍒🧡
616		khandes	
349	noty	Isl	
604	la	La	
673	s	Sa	
449			
538			
661	ja	Ja	
626	shoppin	WORL	
616	pv		
532	sa	Fat	
638	da	D/	
558	to		
198			
518		P	
613			
577	th	Armaan Malik	

Login Profile Info Actions

- Download Full Profile
- Download All Comments
- Get List of Followers
- Get List of Following
- Total Likes
- Get Post Insights
- List of Users Tagged by Target
- List of Users Who Tagged Target

Metric	Value
Total Likes	1102

Login

Profile Info

Actions

Download Full Profile

Download All Comments

Get List of Followers

Get List of Following

Total Likes

Get Post Insights

List of Users Tagged by Target

List of Users Who Tagged Target

Post ID: 28841114145428881227

Caption: N

Likes: 90

Comments:

Date Poste

URL: https

Comments D

User: s

Comment: 🤖

Post ID: 2

Caption: N

Likes: 106

Comments:

Date Poste

URL: https

Comments D

Us

Us

Us

User: tejassssss_, Comment: t

Post ID: 27

Caption: 🤖👉👀

Likes: 116

Login Profile Info Actions

Download Full Profile

Download All Comments

Get List of Followers

Get List of Following

Total Likes

Get Post Insights

List of Users Tagged by Target

List of Users Who Tagged Target

Media ID	Tagged Username
No data available	

Login Profile Info Actions

Download Full Profile

Download All Comments

Get List of Followers

Get List of Following

Total Likes

Get Post Insights

List of Users Tagged by Target

List of Users Who Tagged Target

Media ID		Tagger Username	
29)	it	
29	}	it	
29	2	it	
29	4	it	
29)	it	
29	5	it	
29)	it	
29	7	it	
29)		
29	5		
29	L		
29	}		
29	5		
29	5		
29	L		
29	5		
29)		
29	}		
29)	bhu	01
29)		
29	}		

COMMANDS FOR RUNNING PROJECT

```
sudo apt update
```

```
sudo apt install tor
```

```
sudo systemctl start tor
```

```
sudo apt install proxychains
```

```
sudo nano /etc/proxychains.conf
```

SET UP PROXYCHAINS



➤ RUN CODE

- SUDO PROXYCHAINS PYTHON3 MAN.PY

THANK YOU