## 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
  - e main.py
  - 🕏 ui\_components.py

- > Technologies Used
- Programming Language
- Libraries
- Tools
- pip install instaloader tabulate

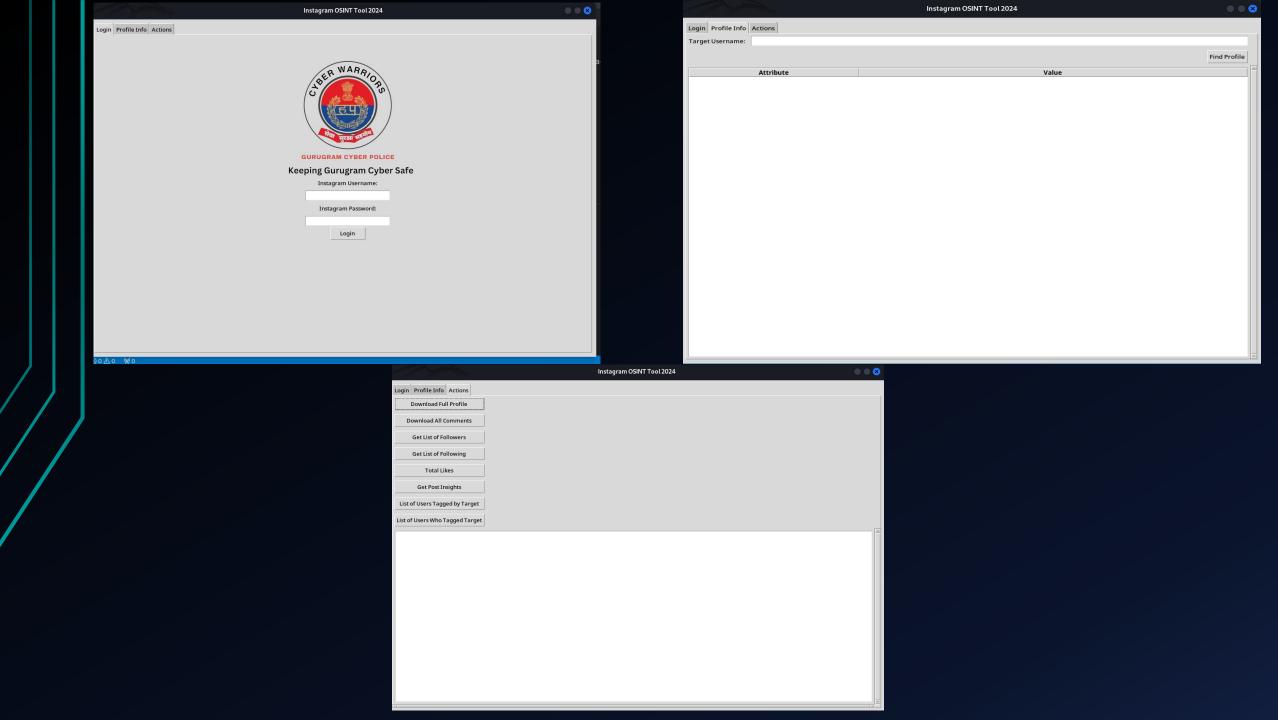
Python

Instaloader, Tkinter, Tabulate

Proxychains

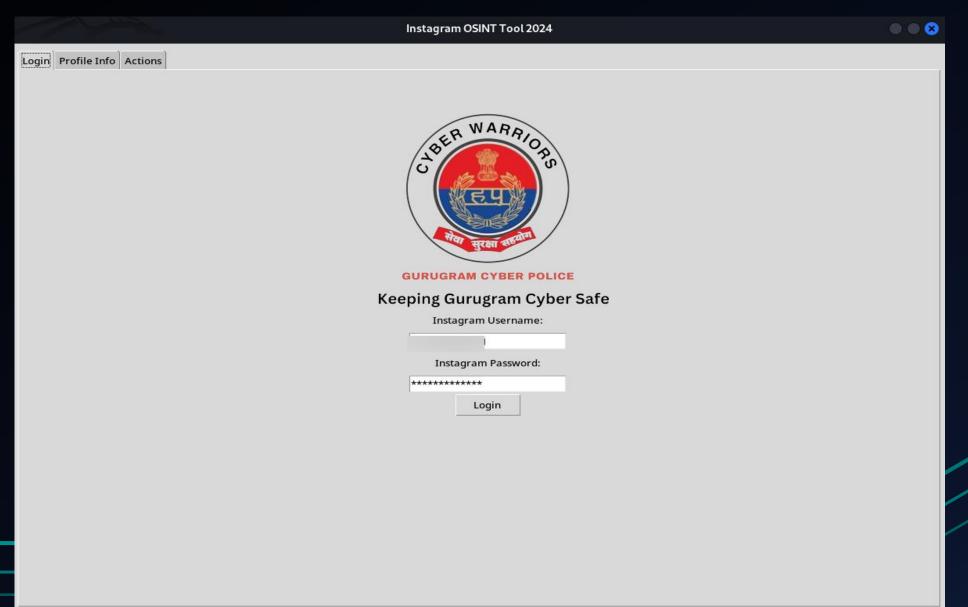
## > GUI Overview

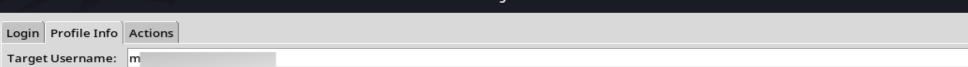
- **USER INTERFACE:**
- **❖** LOGIN PAGE
- ❖ PROFILE INFORMATION PAGE
- **ACTIONS PAGE**
- ❖ EASE OF USE: INTUITIVE NAVIGATION, CLEAR VISUAL REPRESENTATION OF DATA





## > WORKING OF PROJECT





Find Profile

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Attribute		Value	
Username	acrammamana.		
Profile Name	<b>₫</b>		
URL	ht		
Followers	39		
Following	35		
Number of Posts	9		
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Is Business Account?	Fa		
External URL	N(		
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Business Category Name	N(		
Is private?	Fa		
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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

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Download Full Profile

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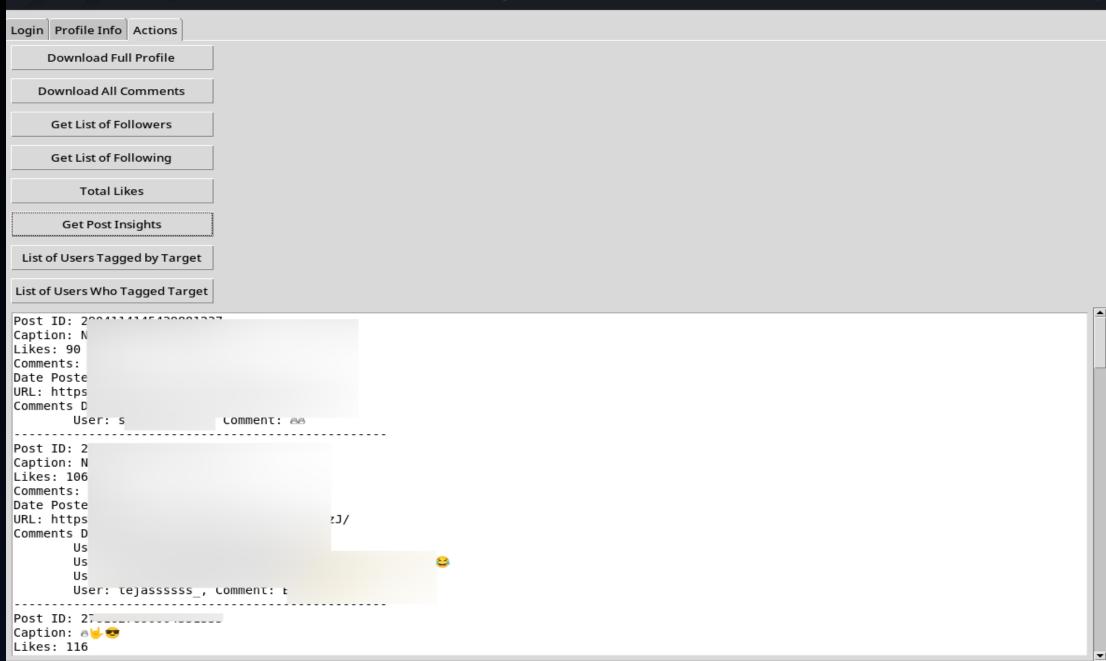
Total Likes

Get Post Insights

List of Users Tagged by Target

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**Download All Comments** 

Get List of Followers

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Total Likes

Get Post Insights

List of Users Tagged by Target

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#### 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