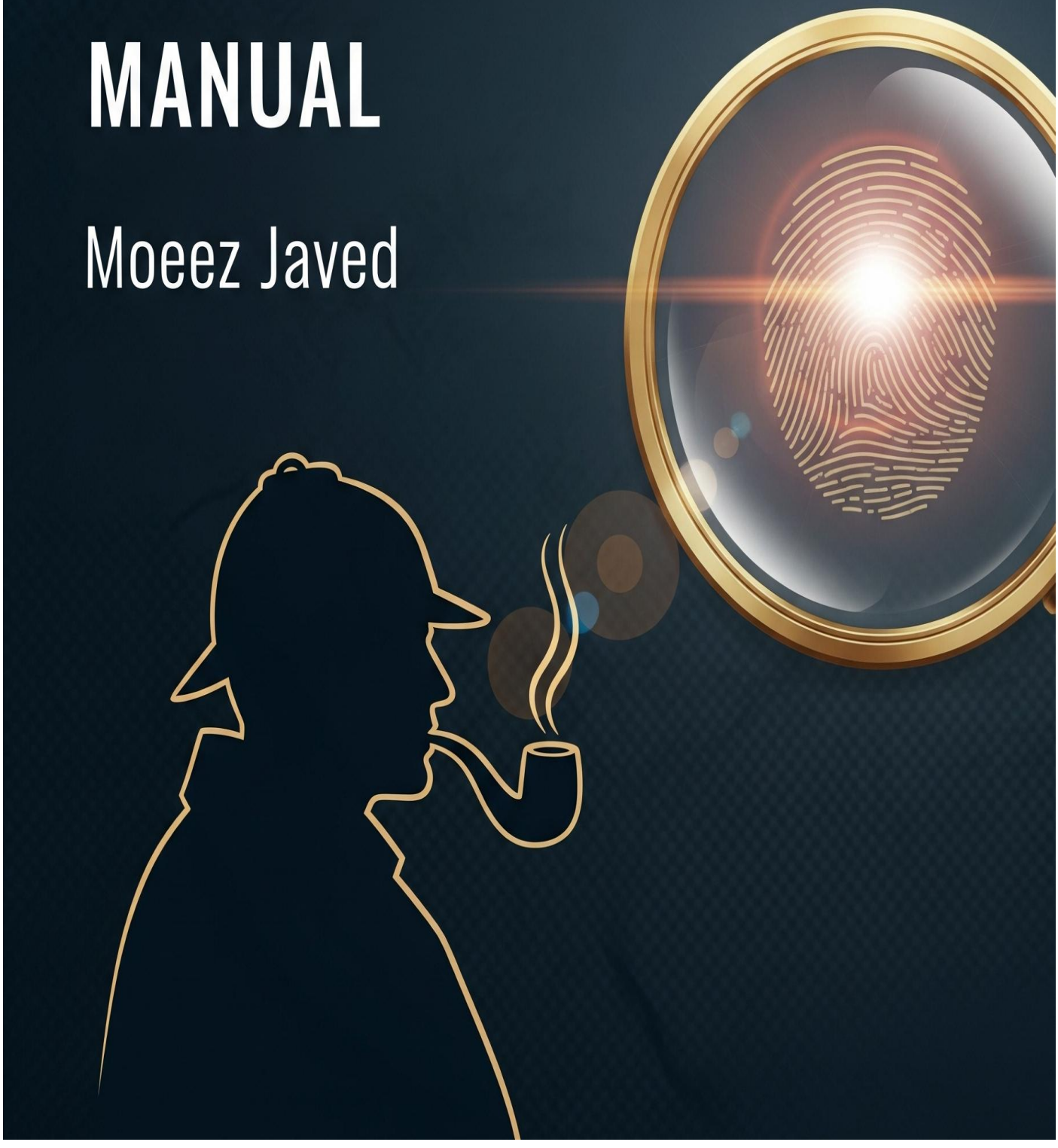
Made by Moeez Javed

SHERLOCK

MANUAL

Moeez Javed



Sherlock Manual

Introduction to Sherlock

Sherlock is an open-source tool designed to find usernames across multiple social media platforms and websites. Cybersecurity professionals, ethical hackers, and investigators use Sherlock to track a person's online presence by scanning various websites for matching usernames. It is a valuable tool in open-source intelligence (OSINT) investigations, helping identify accounts linked to a particular user.

Sherlock is written in Python and requires basic dependencies to function. It works by sending HTTP requests to different platforms and checking if the requested username exists. If found, it returns the corresponding profile links, making it a powerful tool for information gathering and reconnaissance.

Installation and Setup

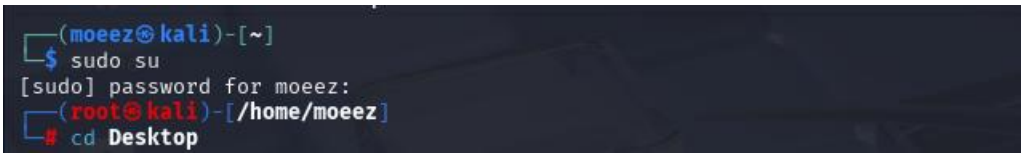
Step 1: Enable Root Access

To perform actions as a root user, execute:

sudo su

Change to the desktop directory:

cd Desktop



Step 2: Clone the Sherlock Repository

To download Sherlock from GitHub, use:

git clone https://github.com/sherlock-project/sherlock.git
cd sherlock

```
┌──(root㉿kali)-[/home/moeez/Desktop]
└─# git clone https://github.com/sherlock-project/sherlock.git

Cloning into 'sherlock'...
remote: Enumerating objects: 9787, done.
remote: Counting objects: 100% (348/348), done.
remote: Compressing objects: 100% (133/133), done.
remote: Total 9787 (delta 315), reused 215 (delta 215), pack-reused 9439 (from 3)
Receiving objects: 100% (9787/9787), 17.50 MiB | 980.00 KiB/s, done.
Resolving deltas: 100% (6167/6167), done.

┌──(root㉿kali)-[/home/moeez/Desktop]
└─# cd sherlock
```

Step 3: Enable Python Virtual Environment

Create a virtual environment to manage dependencies:

python3 -m venv venv

Activate the virtual environment:

source venv/bin/activate

```
┌──(root㉿kali)-[/home/moeez/Desktop/sherlock]
└─# python3 -m venv venv

┌──(root㉿kali)-[/home/moeez/Desktop/sherlock]
└─# source venv/bin/activate
```

Step 4: Install Required Dependencies

Install BeautifulSoup and other necessary libraries for web scraping:

pip install requests beautifulsoup4 lxml

```
┌──(venv)─(root㉿kali)-[/home/moeez/Desktop/sherlock]
└─# pip install requests beautifulsoup4 lxml

Collecting requests
  Using cached requests-2.32.3-py3-none-any.whl.metadata (4.6 kB)
Collecting beautifulsoup4
  Using cached beautifulsoup4-4.13.3-py3-none-any.whl.metadata (3.8 kB)
Collecting lxml
  Using cached lxml-5.3.1-cp313-cp313-manylinux_2_28_x86_64.whl.metadata (3.7 kB)
Collecting charset-normalizer<4,≥2 (from requests)
  Using cached charset_normalizer-3.4.1-cp313-cp313-manylinux_2_17_x86_64.manylinux2014_x86_64.whl.metadata (35 kB)
Collecting idna<4,≥2.5 (from requests)
  Using cached idna-3.10-py3-none-any.whl.metadata (10 kB)
Collecting urllib3<3,≥1.21.1 (from requests)
  Using cached urllib3-2.3.0-py3-none-any.whl.metadata (6.5 kB)
Collecting certifi≥2017.4.17 (from requests)
  Using cached certifi-2025.1.31-py3-none-any.whl.metadata (2.5 kB)
Collecting soupsieve>1.2 (from beautifulsoup4)
  Using cached soupsieve-2.6-py3-none-any.whl.metadata (4.6 kB)
Collecting typing-extensions≥4.0.0 (from beautifulsoup4)
  Using cached typing_extensions-4.12.2-py3-none-any.whl.metadata (3.0 kB)
Using cached requests-2.32.3-py3-none-any.whl (64 kB)
Using cached beautifulsoup4-4.13.3-py3-none-any.whl (186 kB)
Using cached lxml-5.3.1-cp313-cp313-manylinux_2_28_x86_64.whl (5.0 MB)
Using cached certifi-2025.1.31-py3-none-any.whl (166 kB)
Using cached charset_normalizer-3.4.1-cp313-cp313-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (144 kB)
Using cached idna-3.10-py3-none-any.whl (70 kB)
Using cached soupsieve-2.6-py3-none-any.whl (36 kB)
Using cached typing_extensions-4.12.2-py3-none-any.whl (37 kB)
Using cached urllib3-2.3.0-py3-none-any.whl (128 kB)
Installing collected packages: urllib3, typing-extensions, soupsieve, lxml, idna, charset-normalizer, certifi, reque
sts, beautifulsoup4
Successfully installed beautifulsoup4-4.13.3 certifi-2025.1.31 charset-normalizer-3.4.1 idna-3.10 lxml-5.3.1 request
s-2.32.3 soupsieve-2.6 typing-extensions-4.12.2 urllib3-2.3.0
```

Install Pandas for data management:

pip install pandas openpyxl

```
┌──(venv)─(root㉿kali)─[/home/moeez/Desktop/sherlock]
└─# pip install pandas openpyxl

Collecting pandas
  Downloading pandas-2.2.3-cp313-cp313-manylinux_2_17_x86_64.manylinux2014_x86_64.whl.metadata (89 kB)
Collecting openpyxl
  Downloading openpyxl-3.1.5-py2.py3-none-any.whl.metadata (2.5 kB)
Collecting numpy≥1.26.0 (from pandas)
  Downloading numpy-2.2.3-cp313-cp313-manylinux_2_17_x86_64.manylinux2014_x86_64.whl.metadata (62 kB)
Collecting python-dateutil≥2.8.2 (from pandas)
  Downloading python_dateutil-2.9.0.post0-py2.py3-none-any.whl.metadata (8.4 kB)
Collecting pytz≥2020.1 (from pandas)
  Downloading pytz-2025.1-py2.py3-none-any.whl.metadata (22 kB)
Collecting tzdata≥2022.7 (from pandas)
  Downloading tzdata-2025.1-py2.py3-none-any.whl.metadata (1.4 kB)
Collecting et-xmlfile (from openpyxl)
  Downloading et_xmlfile-2.0.0-py3-none-any.whl.metadata (2.7 kB)
Collecting six≥1.5 (from python-dateutil≥2.8.2→pandas)
  Downloading six-1.17.0-py2.py3-none-any.whl.metadata (1.7 kB)
Downloading pandas-2.2.3-cp313-cp313-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (12.7 MB)
   ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 12.7/12.7 MB 1.2 MB/s eta 0:00:00
Downloading openpyxl-3.1.5-py2.py3-none-any.whl (250 kB)
Downloading numpy-2.2.3-cp313-cp313-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (16.1 MB)
   ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 16.1/16.1 MB 1.0 MB/s eta 0:00:00
Downloading python_dateutil-2.9.0.post0-py2.py3-none-any.whl (229 kB)
Downloading pytz-2025.1-py2.py3-none-any.whl (507 kB)
Downloading tzdata-2025.1-py2.py3-none-any.whl (346 kB)
Downloading et_xmlfile-2.0.0-py3-none-any.whl (18 kB)
Downloading six-1.17.0-py2.py3-none-any.whl (11 kB)
Installing collected packages: pytz, tzdata, six, numpy, et-xmlfile, python-dateutil, openpyxl, pandas
Successfully installed et-xmlfile-2.0.0 numpy-2.2.3 openpyxl-3.1.5 pandas-2.2.3 python-dateutil-2.9.0.post0 pytz-202
5.1 six-1.17.0 tzdata-2025.1
```

Install additional required packages:

pip install certifi colorama PySocks requests requests-futures stem torrequest

```
┌──(venv)─(root㉿kali)─[/home/moeez/Desktop/sherlock]
└─# pip install certifi colorama PySocks requests requests-futures stem torrequest

Requirement already satisfied: certifi in ./venv/lib/python3.13/site-packages (2025.1.31)
Collecting colorama
  Downloading colorama-0.4.6-py2.py3-none-any.whl.metadata (17 kB)
Collecting PySocks
  Downloading PySocks-1.7.1-py3-none-any.whl.metadata (13 kB)
Requirement already satisfied: requests in ./venv/lib/python3.13/site-packages (2.32.3)
Collecting requests-futures
  Downloading requests_futures-1.0.2-py2.py3-none-any.whl.metadata (12 kB)
Collecting stem
  Downloading stem-1.8.2.tar.gz (2.9 MB)
   ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 2.9/2.9 MB 1.0 MB/s eta 0:00:00
  Installing build dependencies ... done
  Getting requirements to build wheel ... done
  Preparing metadata (pyproject.toml) ... done
Collecting torrequest
  Downloading torrequest-0.1.0.tar.gz (1.5 kB)
  Installing build dependencies ... done
  Getting requirements to build wheel ... done
  Preparing metadata (pyproject.toml) ... done
Requirement already satisfied: charset-normalizer<4,≥2 in ./venv/lib/python3.13/site-packages (from requests) (3.4.
1)
Requirement already satisfied: idna<4,≥2.5 in ./venv/lib/python3.13/site-packages (from requests) (3.10)
Requirement already satisfied: urllib3<3,≥1.21.1 in ./venv/lib/python3.13/site-packages (from requests) (2.3.0)
Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Downloading PySocks-1.7.1-py3-none-any.whl (16 kB)
Downloading requests_futures-1.0.2-py2.py3-none-any.whl (7.7 kB)
Building wheels for collected packages: stem, torrequest
  Building wheel for stem (pyproject.toml) ... done
  Created wheel for stem: filename=stem-1.8.2-py3-none-any.whl size=436250 sha256=dac7a0459884d692f2daaff66b48c586b3
b4d1992536f0f86b7f9ca4f6a0421b
  Stored in directory: /root/.cache/pip/wheels/f9/eb/34/1074151c5dabfe136926ef4d8d4fa13f00927c869696acbc76
  Building wheel for torrequest (pyproject.toml) ... done
  Created wheel for torrequest: filename=torrequest-0.1.0-py3-none-any.whl size=1919 sha256=81d1b339f4ad1b9156aeeaf3
398c775db4277316c7a3da02f540238eef77f54c
  Stored in directory: /root/.cache/pip/wheels/47/9a/02/35b4bbab67101fb3423f4d9073661927f7bade0ef85ef81d02
Successfully built stem torrequest
Installing collected packages: stem, PySocks, colorama, torrequest, requests-futures
Successfully installed PySocks-1.7.1 colorama-0.4.6 requests-futures-1.0.2 stem-1.8.2 torrequest-0.1.0
```

Step 5: Run Sherlock

Execute the following command to search for a username:

python3 -m sherlock_project (anyname)

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Replace your username with the target username you want to search for.

Image Descriptions

1. **Root Access** - Demonstrates enabling root access in the terminal before proceeding with installation.
2. **Cloning Sherlock** - Shows the process of downloading Sherlock from GitHub using the git clone command.
3. **Python Virtual Environment** - Illustrates setting up a Python virtual environment for package management.
4. **Installing Dependencies** - Displays the installation of libraries like BeautifulSoup and Pandas for web scraping and data handling.
5. **Running Sherlock** - Captures the execution of Sherlock and the output displaying results of found usernames.

This structured guide ensures that Sherlock is set up correctly and ready for efficient OSINT investigations.