

**Day 4 of Learning Cyber Security****Platform: Kali Linux**

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**Topic:** Sherlock



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## SherLock: The Profile Hunter

### Sherlock Installation

#### Command 1:

```
(ayeshanadeem@ayeshanadeem)-[~]  
$ sudo su  
[sudo] password for ayeshanadeem:  
(root@ayeshanadeem)-[/home/ayeshanadeem]  
# git clone https://github.com/sherlock-project/sherlock.git  
Cloning into 'sherlock' ...  
remote: Enumerating objects: 9812, done.  
remote: Total 9812 (delta 0), reused 0 (delta 0), pack-reused 9812 (from 1)  
Receiving objects: 100% (9812/9812), 17.47 MiB | 263.00 KiB/s, done.  
Resolving deltas: 100% (6200/6200), done.  
(root@ayeshanadeem)-[/home/ayeshanadeem]  
# cd sherlock
```

### Setup Virtual Environment

#### Command 2:

```
(root@ayeshanadeem)-[/home/ayeshanadeem/sherlock]  
# python3 -m venv myenv  
(root@ayeshanadeem)-[/home/ayeshanadeem/sherlock]  
# source myenv/bin/activate  
(myenv)-(root@ayeshanadeem)-[/home/ayeshanadeem/sherlock]  
#
```

## Install dependencies

### Command 3:

```
(myenv)-(root@ayeshanadeem)-[/home/ayeshanadeem/sherlock]
# pip install requests beautifulsoup4 lxml
Collecting requests
  Using cached requests-2.32.4-py3-none-any.whl.metadata (4.9 kB)
Collecting beautifulsoup4
  Downloading beautifulsoup4-4.13.4-py3-none-any.whl.metadata (3.8 kB)
Collecting lxml
  Downloading lxml-6.0.0-cp313-cp313-manylinux_2_27_x86_64.manylinux_2_28_x86_64.whl.metadata (6.6 kB)
Collecting charset_normalizer<4, >=2 (from requests)
  Downloading charset_normalizer-3.4.2-cp313-cp313-manylinux_2_17_x86_64.manylinux2014_x86_64.whl.metadata (35 kB)
Collecting idna<4, >=2.5 (from requests)
  Downloading idna-3.10-py3-none-any.whl.metadata (10 kB)
Collecting urllib3<3, >=1.21.1 (from requests)
  Downloading urllib3-2.5.0-py3-none-any.whl.metadata (6.5 kB)
Collecting certifi<2025.7.14, >=2017.4.17 (from requests)
  Downloading certifi-2025.7.14-py3-none-any.whl.metadata (2.4 kB)
Collecting soupsieve>1.2 (from beautifulsoup4)
  Downloading soupsieve-2.7-py3-none-any.whl.metadata (4.6 kB)
Collecting typing_extensions<4.0.0, >=3.7.4 (from beautifulsoup4)
  Downloading typing_extensions-4.14.1-py3-none-any.whl.metadata (3.0 kB)
Downloading requests-2.32.4-py3-none-any.whl (64 kB)
   64.8/64.8 kB 1.1 MB/s eta 0:00:00
Downloading beautifulsoup4-4.13.4-py3-none-any.whl (187 kB)
   187.3/187.3 kB 2.2 MB/s eta 0:00:00
Downloading lxml-6.0.0-cp313-cp313-manylinux_2_27_x86_64.manylinux_2_28_x86_64.whl (5.2 MB)
   5.2/5.2 MB 1.2 MB/s eta 0:00:00
Downloading certifi-2025.7.14-py3-none-any.whl (162 kB)
   162.7/162.7 kB 1.2 MB/s eta 0:00:00
Downloading charset_normalizer-3.4.2-cp313-cp313-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (148 kB)
   148.2/148.2 kB 2.9 MB/s eta 0:00:00
Downloading idna-3.10-py3-none-any.whl (70 kB)
   70.4/70.4 kB 2.5 MB/s eta 0:00:00
Downloading soupsieve-2.7-py3-none-any.whl (36 kB)
   36.0/36.0 kB 2.5 MB/s eta 0:00:00
Downloading typing_extensions-4.14.1-py3-none-any.whl (43 kB)
   43.9/43.9 kB 1.5 MB/s eta 0:00:00
Downloading urllib3-2.5.0-py3-none-any.whl (129 kB)
   129.8/129.8 kB 5.4 MB/s eta 0:00:00
Installing collected packages: urllib3, typing_extensions, soupsieve, lxml, idna, charset_normalizer, certifi, requests, beautifulsoup4
Successfully installed beautifulsoup4-4.13.4 certifi-2025.7.14 charset_normalizer-3.4.2 idna-3.10 lxml-6.0.0 requests-2.32.4 soupsieve-2.7
1 urllib3-2.5.0
```

### Command 4:

```
(myenv)-(root@ayeshanadeem)-[~/sherlock]
# pip install pandas openpyxl
Collecting pandas
  Using cached pandas-2.3.1-cp313-cp313-manylinux_2_17_x86_64.manylinux2014_x86_64.whl.metadata (91 kB)
Collecting openpyxl
  Using cached openpyxl-3.1.5-py2.py3-none-any.whl.metadata (2.5 kB)
Collecting numpy<2.0.0, >=1.26.0 (from pandas)
  Using cached numpy-2.3.1-cp313-cp313-manylinux_2_28_x86_64.whl.metadata (62 kB)
Collecting python-dateutil<3, >=2.8.2 (from pandas)
  Using cached python_dateutil-2.9.0.post0-py2.py3-none-any.whl.metadata (8.4 kB)
Collecting pytz<2025.2, >=2020.1 (from pandas)
  Using cached pytz-2025.2-py2.py3-none-any.whl.metadata (22 kB)
Collecting tzdata<2025.2, >=2022.7 (from pandas)
  Using cached tzdata-2025.2-py2.py3-none-any.whl.metadata (1.4 kB)
Collecting et_xmlfile (from openpyxl)
  Using cached et_xmlfile-2.0.0-py3-none-any.whl.metadata (2.7 kB)
Collecting six<2, >=1.5 (from python-dateutil<3, >=2.8.2->pandas)
  Using cached six-1.17.0-py2.py3-none-any.whl.metadata (1.7 kB)
Using cached pandas-2.3.1-cp313-cp313-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (12.1 MB)
Using cached openpyxl-3.1.5-py2.py3-none-any.whl (250 kB)
Using cached numpy-2.3.1-cp313-cp313-manylinux_2_28_x86_64.whl (16.6 MB)
Using cached python_dateutil-2.9.0.post0-py2.py3-none-any.whl (229 kB)
Downloading pytz-2025.2-py2.py3-none-any.whl (509 kB)
   509.2/509.2 kB 465.6 kB/s eta 0:00:00
Downloading tzdata-2025.2-py2.py3-none-any.whl (347 kB)
   347.8/347.8 kB 353.7 kB/s eta 0:00:00
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-2.3.1 openpyxl-3.1.5 pandas-2.3.1 python-dateutil-2.9.0.py
```

## Command 5:

```
(myenv)-[root@ayeshanadeem]-[~/sherlock]
# pip install certifi colorama PySocks requests requests-futures stem torrequest
Requirement already satisfied: certifi in ./myenv/lib/python3.13/site-packages (2025.7.14)
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 ./myenv/lib/python3.13/site-packages (2.32.4)
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 149.4 kB/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 ./myenv/lib/python3.13/site-packages (from requests) (3.4.2)
Requirement already satisfied: idna<4, >=2.5 in ./myenv/lib/python3.13/site-packages (from requests) (3.10)
Requirement already satisfied: urllib3<3, >=1.21.1 in ./myenv/lib/python3.13/site-packages (from requests) (2.5.0)
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=436282 sha256=a530e6c607a7eac9ae30fe0fd88bb21ef7d034
    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=1918 sha256=c712481e6c553830aa81a3d41a47
    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
```

## Start Sherlock

### Command 6:

```
(myenv)-(root@ayeshanadeem)-[~/sherlock]
# python3 -m sherlock_project ayeshanadeem
[*] Checking username ayeshanadeem on:

[+] 7Cups: https://www.7cups.com/@ayeshanadeem
[+] Academia.edu: https://independent.academia.edu/ayeshanadeem
[+] AllMyLinks: https://allmylinks.com/ayeshanadeem
[+] ArtStation: https://www.artstation.com/ayeshanadeem
[+] Behance: https://www.behance.net/ayeshanadeem
[+] Blogger: https://ayeshanadeem.blogspot.com
[+] Chess: https://www.chess.com/member/ayeshanadeem
[+] Clubhouse: https://www.clubhouse.com/@ayeshanadeem
[+] Codecademy: https://www.codecademy.com/profiles/ayeshanadeem 0.12 second
[+] Crevado: https://ayeshanadeem.crevado.com
[+] Cults3D: https://cults3d.com/en/users/ayeshanadeem/creations
[+] Discord: https://discord.com
[+] Disqus: https://disqus.com/ayeshanadeem
[+] Docker Hub: https://hub.docker.com/u/ayeshanadeem/
[+] Dribbble: https://dribbble.com/ayeshanadeem
[+] Duolingo: https://www.duolingo.com/profile/ayeshanadeem
[+] EyeEm: https://www.eyem.com/u/ayeshanadeem
[+] Flipboard: https://flipboard.com/@ayeshanadeem
[+] Freelance.habr: https://freelance.habr.com/freelancers/ayeshanadeem
[+] Freelancer: https://www.freelancer.com/u/ayeshanadeem
[+] Freesound: https://freesound.org/people/ayeshanadeem/
[+] GNOME VCS: https://gitlab.gnome.org/ayeshanadeem
[+] GitHub: https://www.github.com/ayeshanadeem
[+] GitLab: https://gitlab.com/ayeshanadeem
[+] GoodReads: https://www.goodreads.com/ayeshanadeem
[+] Gravatar: http://en.gravatar.com/ayeshanadeem
[+] Gumroad: https://www.gumroad.com/ayeshanadeem
[+] HackerNews: https://news.ycombinator.com/user?id=ayeshanadeem
[+] HubPages: https://hubpages.com/@ayeshanadeem
[+] HudsonRock: https://cavalier.hudsonrock.com/api/json/v2/osint-tools/search
[+] Hugging Face: https://huggingface.co/ayeshanadeem
[+] IFTTT: https://www.ifttt.com/p/ayeshanadeem
[+] kaskus: https://www.kaskus.co.id/@ayeshanadeem
[+] Linktree: https://linktr.ee/ayeshanadeem
[+] Medium: https://medium.com/@ayeshanadeem
[+] Memrise: https://www.memrise.com/user/ayeshanadeem/
[+] MyDramalist: https://www.mydramalist.com/profile/ayeshanadeem
[+] NitroType: https://www.nitrotype.com/racer/ayeshanadeem
[+] OurDJTalk: https://ourdjtalk.com/members?username=ayeshanadeem
[+] PCGamer: https://forums.pcgamer.com/members/?username=ayeshanadeem
[+] Patreon: https://www.patreon.com/ayeshanadeem
[+] Periscope: https://www.periscope.tv/ayeshanadeem/
```



```
[+] Reddit: https://www.reddit.com/user/ayeshanadeem
[+] Replit.com: https://replit.com/@ayeshanadeem
[+] Roblox: https://www.roblox.com/user.aspx?username=ayeshanadeem
[+] Rumble: https://rumble.com/user/ayeshanadeem
[+] Scratch: https://scratch.mit.edu/users/ayeshanadeem
[+] Slack: https://ayeshanadeem.slack.com
[+] SlideShare: https://slideshare.net/ayeshanadeem
[+] Slides: https://slides.com/ayeshanadeem
[+] Smule: https://www.smule.com/ayeshanadeem
[+] Snapchat: https://www.snapchat.com/add/ayeshanadeem
[+] SoundCloud: https://soundcloud.com/ayeshanadeem
[+] Spotify: https://open.spotify.com/user/ayeshanadeem
[+] TorrentGalaxy: https://torrentgalaxy.to/profile/ayeshanadeem
[+] TradingView: https://www.tradingview.com/u/ayeshanadeem/
[+] Trello: https://trello.com/ayeshanadeem
[+] VSCO: https://vSCO.co/ayeshanadeem
[+] Venmo: https://account.venmo.com/u/ayeshanadeem
[+] Weblate: https://hosted.weblate.org/user/ayeshanadeem/
[+] WordPressOrg: https://profiles.wordpress.org/ayeshanadeem/
[+] Xbox Gamertag: https://xboxgamertag.com/search/ayeshanadeem
[+] YandexMusic: https://music.yandex/users/ayeshanadeem/playlists
[+] YouNow: https://www.younow.com/ayeshanadeem/
[+] YouTube: https://www.youtube.com/@ayeshanadeem
[+] fixya: https://www.fixya.com/users/ayeshanadeem
[+] kwork: https://kwork.ru/user/ayeshanadeem
[+] npm: https://www.npmjs.com/~ayeshanadeem
[+] svidbook: https://www.svidbook.ru/user/ayeshanadeem
[+] threads: https://www.threads.net/@ayeshanadeem

[*] Search completed with 70 results
```