



THE 14 BEST PYTHON LIBRARIES FOR CYBERSECURITY



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pandas

1

- Natural language processing
- Data analysis
- Data visualization
- Malware analysis





NumPy

2

- **Natural language processing**
- **Data analysis**
- **Data visualization**
- **Malware analysis**

NLTK

3

- Natural language processing
- Data analysis
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NLTK



SciKit

- 4
- Implementing machine learning
 - Machine learning algorithms



NMap

5

- Scanning and implementing transport layer and application layer protocols



NMAP



Twisted

- Scanning and implementing transport layer and application layer protocols

6



Scapy

7

- Packet processing
- Decoding packets
- Forging packets
- Analyzing packet information





BeautifulSoup

8

- **Beautiful Soup**
Scraping data
from web pages



Cryptography Library

9

- Implementing cryptographic algorithms



yara

10

- **Malware identification**
- **Malware classification**





Pymetasploit3

11 • **Discovers hidden vulnerabilities**





Mechanize

12

- Data acquisition
- Interacting with web pages
- Checking SQL injection
- Cross site scripting



Mechanize

Socket

13

- Socket programming
- Port scanning
- Sniffing





Requests

14

- API calling
- Grabbing HTML web pages



Requests