



AFRICA HACKON
MULTIMEDIA UNIVERSITY
BOOTCAMP

OPEN-SOURCE INTELLIGENCE (OSINT)

WHO AM I

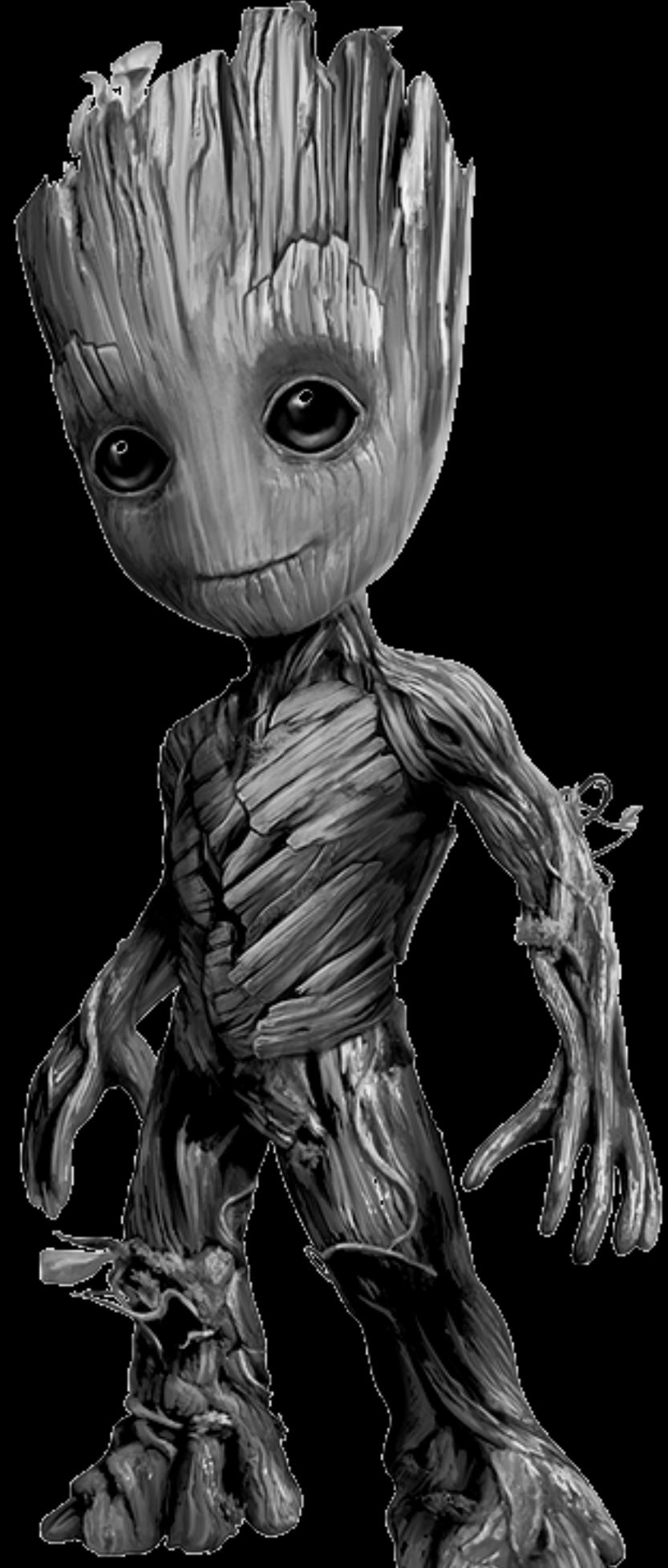
Peter Numi

Cyber Security Consultant

**Reverse Engineering, Malware Analysis,
Open Source Intelligence, Hardware and
Offensive Security.**

@th3_groot

th33gr00t.tk





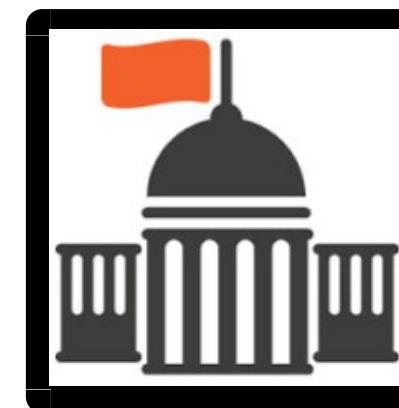
WHAT IS OSINT ?

Open Source INTelligence: collection of data from publicly available sources.

SOURCES:

- **The Internet: Google, Facebook, Twitter e.t.c**
- **Traditional Mass Media: Newspapers, Magazines, books e.t.c**
- **Specialized journals, academic publications, company profiles, annual reports, company news, employee profiles, and résumés.**
- **Photos and videos including metadata**
- **Geospatial information (e.g., maps and commercial imagery products)**

**PEOPLE
INTERESTED
PRACTICING OSINT**



**The Goverment and Law Agencies
i.e Three Letter named Organizations**



**Penetration Testers
i.e They are here**



**Journalist
i.e You always see them on T.V.**



BENEFITS OF OSINT

- Cost Effective -

- Ease of accessibility -

- Less Risky -

- Less Legal Issues -

CHALLENGES OF OSINT



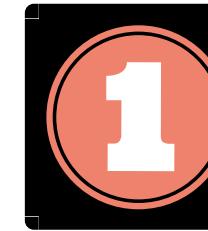
Sheer volume of data: Collecting OSINT will produce a huge amount of data that must be analyzed to be considered of value.

Reliability of sources: Bear in mind that OSINT sources, especially when used in the intelligence context, need to be verified thoroughly by classified sources before they can be trusted.

Human efforts: Humans need to view the output of automated tools to know whether the collected data is reliable and trustworthy; they also need to compare it with some classified data to assure its reliability and relevance. This will effectively consume time and precious human resources.

METHODOLOGY

BY JOSH HUFF
OSINT CREEPER



Set your Intelligence Goals



Gather your tools



Start with Known data points



Analyze



Pivot, use new data points

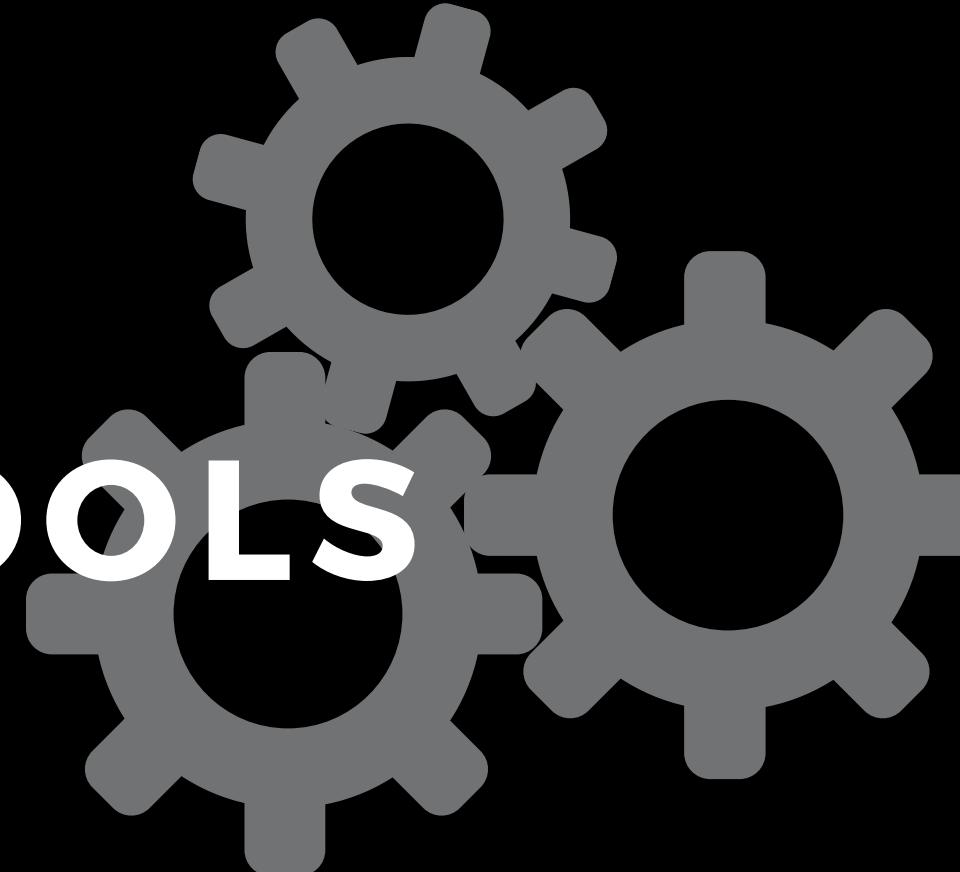


Repeat step 1 to 4



Validate

OSINT TOOLS



Google
GHDB



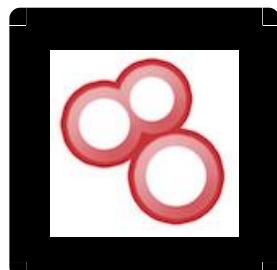
Github
Dorking



IntelTechniques
by Michael Bazzel



Facebook



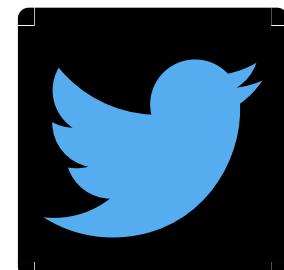
Shodan



Hunter.io



Censys



Twitter



OSINT FRAMEWORK
<https://osintframework.com/>

DEMO

THANK YOU
