



Pre Ethical Hacking

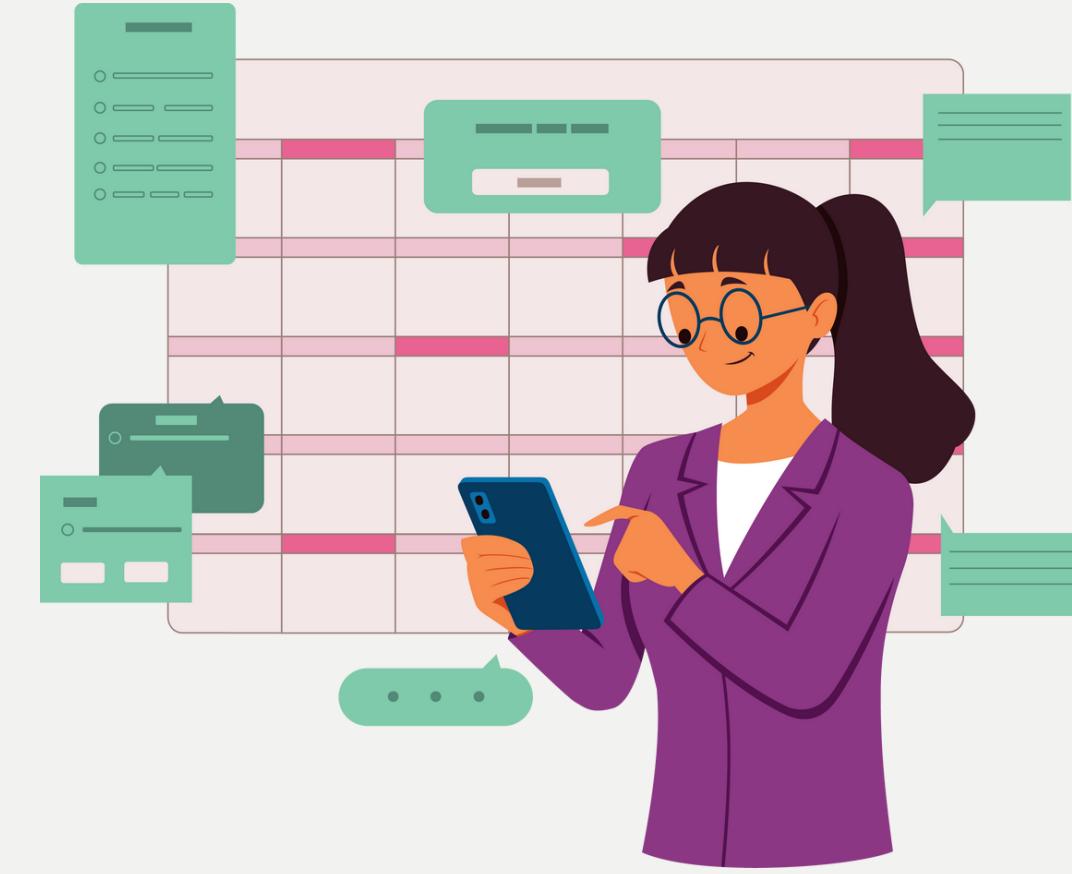
Learn Before Entering into Cyber Security

PROJECT
www.ineuron.ai



Community Classes

■ PRESENTER
Mukesh Kumar Rao | CEHv11 | AWS | AZURE
Cyber Security Analyst and Mentor



Agenda

01

Introduction

- About the Sessions
- Community Class
- Cyber Security

02

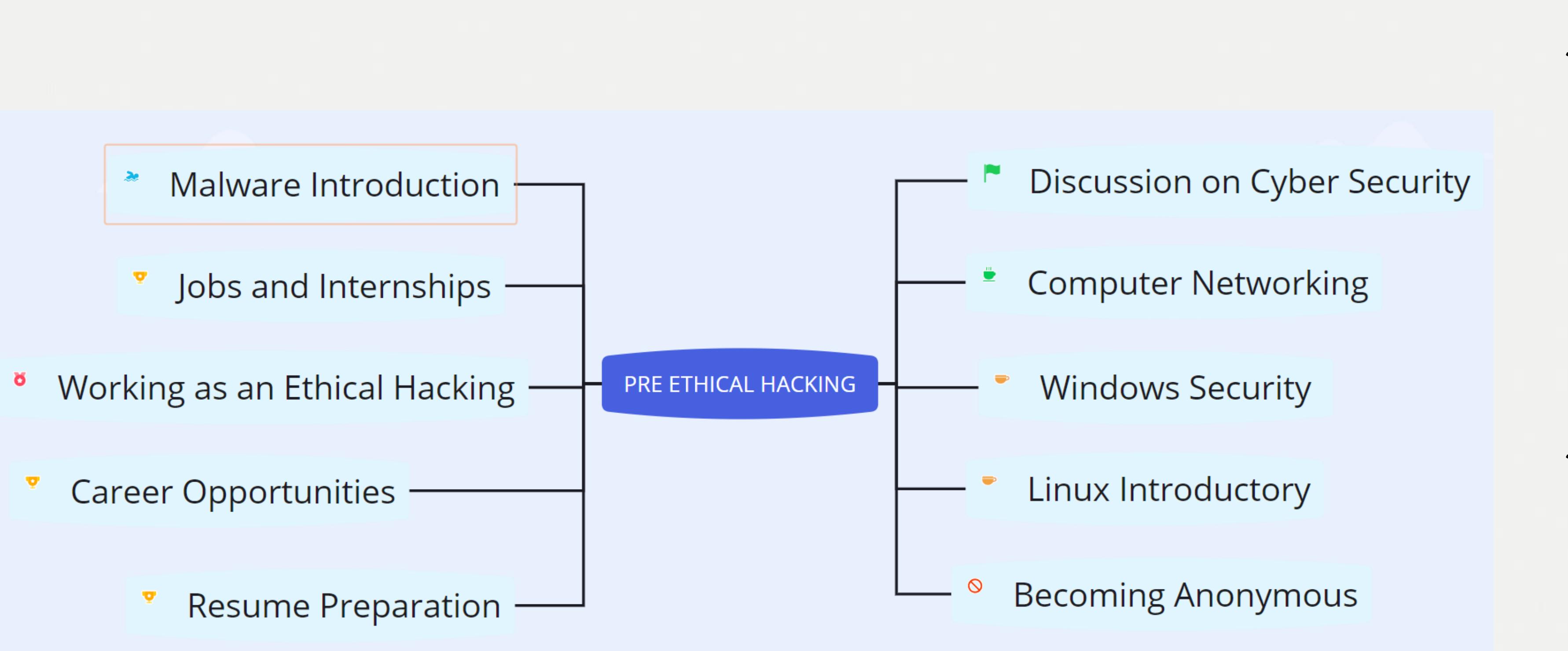
Core Discussion

- Ethical Hacking

03

Q n A

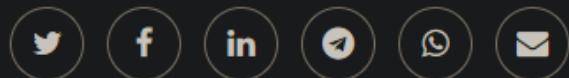
- For Awareness



Cybersecurity firm Semperis raises over \$200 million in KKR-led round

Existing investors including Insight Partners and new investors such as Ten Eleven Ventures joined KKR in the round, Semperis told Reuters.

Reuters • May 24, 2022, 13:46 IST



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While the bottom-up outlook remains positive from most Services, Software and SaaS names

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SMALL BUSINESS PLAYBOOK 2022 | EVENT VIDEOS

SMALL BUSINESS PLAYBOOK

America's small businesses aren't ready for a cyberattack

PUBLISHED SAT, MAY 21 2022 • 10:58 AM EDT

Laura Wronski @LAURAWRONSKI SHARE f t in e

Jon Cohen @JCPOLLS

KEY POINTS

- Just 5% of small business owners report cybersecurity to be the biggest risk to their business right now, according to the CNBC/SurveyMonkey Small Business Survey.

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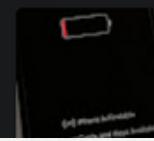


Windows 11

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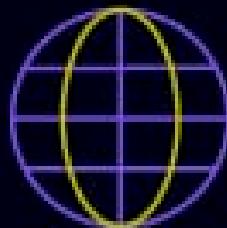


Over 200 Apps on Play Store Caught Spying on Android Users Using Facestealer



Researchers Find Potent Way to Run Malware on iPhone Even When it's Off

Cybersecurity: Why is It Important?



5.2 billion internet users which is 63% of world population



In 2020, the number of cybercrime incidents exceeded **29,000 cases worldwide**



The global average cost per data breach was **3.86 million U.S. dollars**

Statista

IT Security Key Weak Spots



Too much data



Lack of IT security personnel



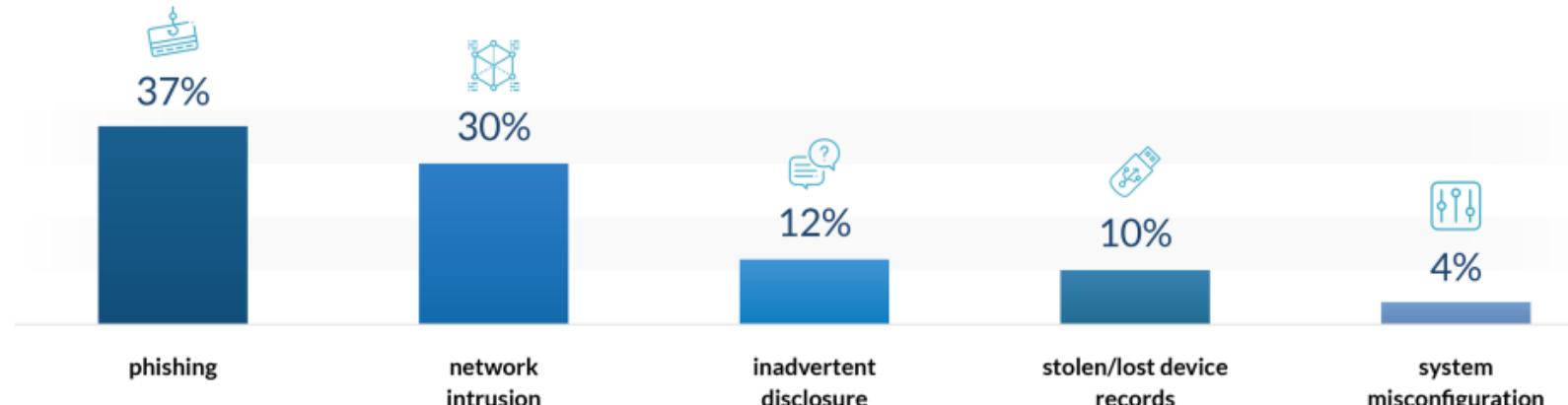
Lack of security knowledge among employees



No integration between security solutions

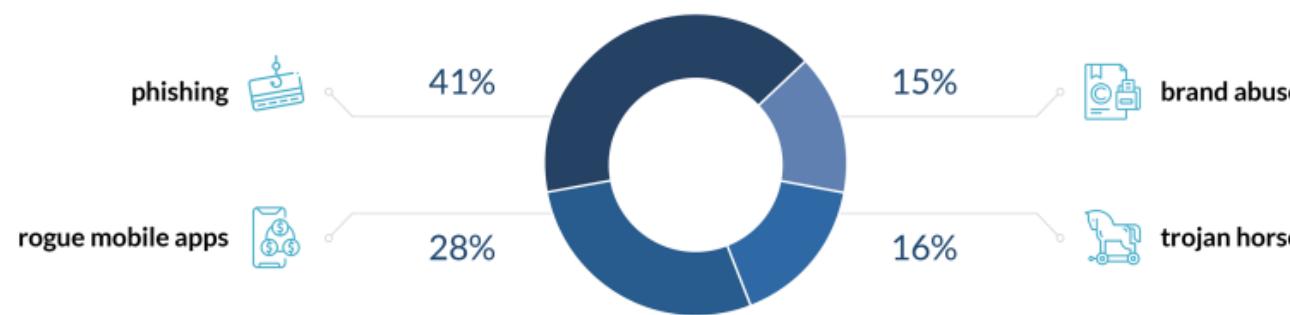
3 Key Cybersecurity Trends You Should Know

1 Most common cyber attacks experienced by companies



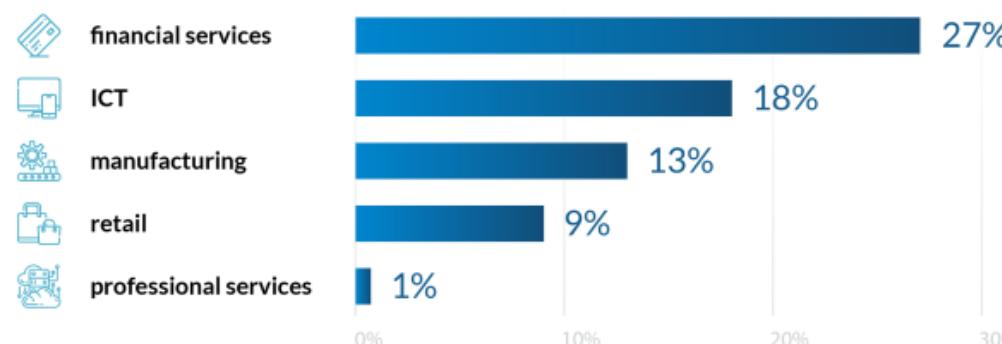
Source: Statista

2 Top global fraud types



Source: Payments Source

3 Volume of cybersecurity incidents by sector



Source: CB Insights

It seems that Hackers are not targeting only IT sector but other Industry also
-- Finances Online



RANSOMWARE STATISTICS BY THE NUMBERS

\$50 MILLION
THE LARGEST RANSOM DEMAND

*Made to computer giant Acer in March 2021



37%
OF BUSINESSES

WERE HIT BY RANSOMWARE IN 2021

IN 2031, RANSOMWARE WILL COST THE WORLD
\$265 BILLION

ON AVERAGE, IT COST BUSINESSES
\$1.85 MILLION
TO RECOVER FROM AN ATTACK IN 2021



32% OF VICTIMS
PAID A RANSOM DEMAND IN 2021

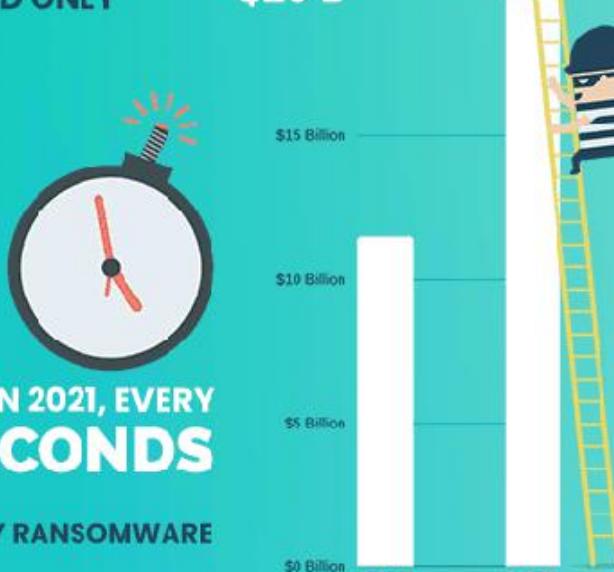
ON AVERAGE, PAYING VICTIMS RECOVERED ONLY
65% OF THEIR DATA

57% OF COMPANIES
RECOVERED THEIR DATA USING A CLOUD BACKUP



A COMPANY IS HIT BY RANSOMWARE

\$20 BILLION
THE TOTAL COST OF RANSOMWARE IN 2021



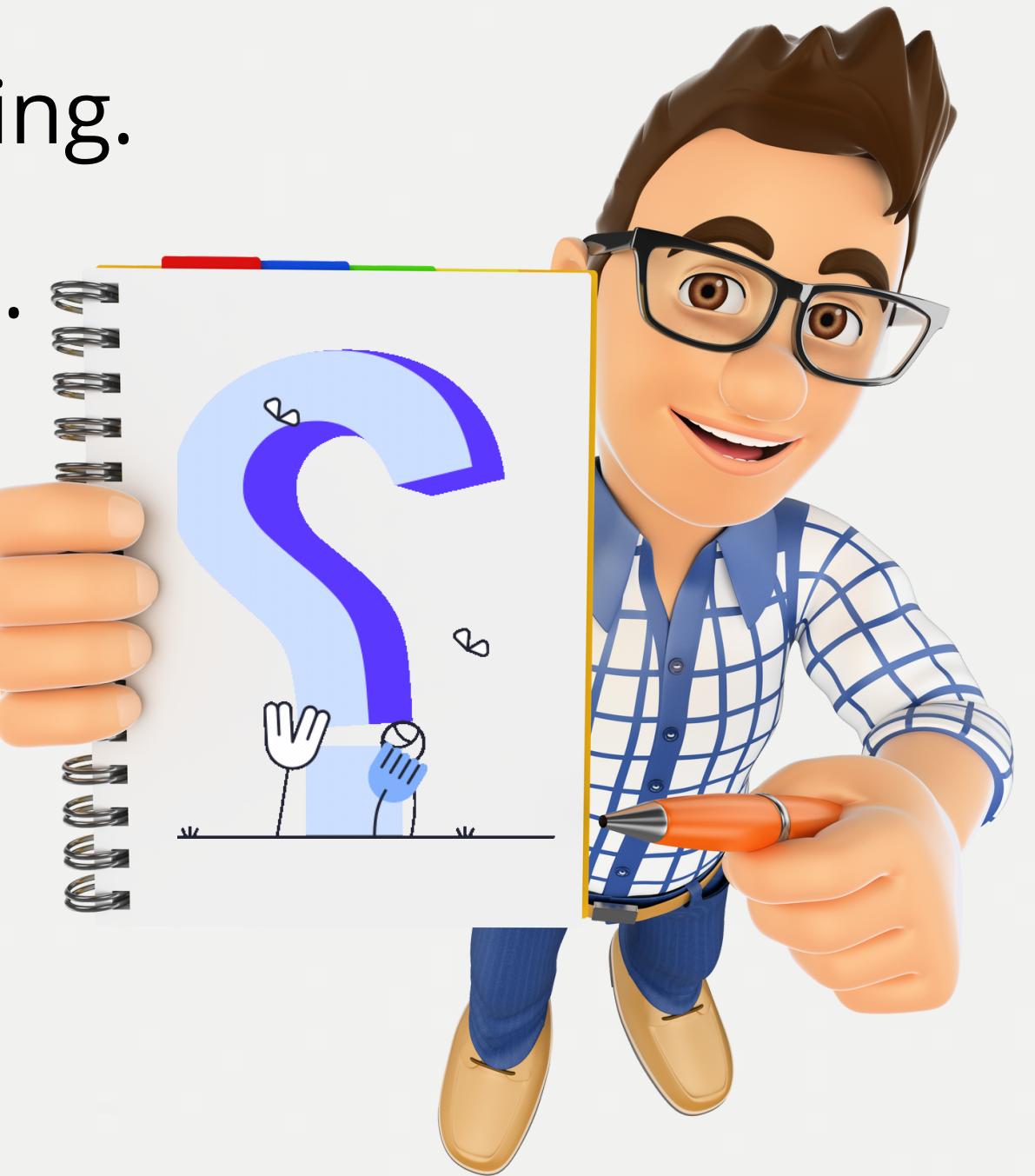
Ransomware Malware was the King in last year, 2021. It is a record break attacks was detected by many organization
-- Forbes and Cloudwards

More Info: [Forbes](#)



Why is cyber security important?

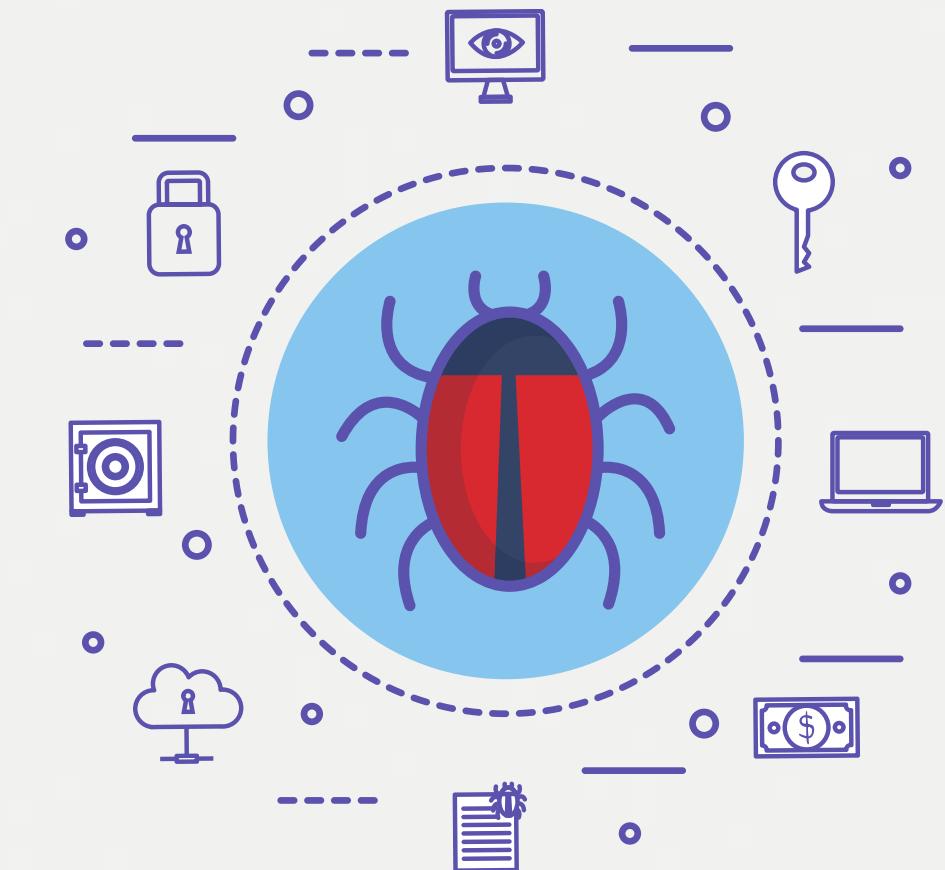
- The costs of cyber security breaches are rising.
- Cyber attacks are increasingly sophisticated.
- Cyber crime is a big business.



Intro to Cyber Security

Cyber security is the application of technologies, processes, and controls to protect systems, networks, programs, devices and data from cyber-attacks.

It aims to reduce the risk of cyber-attacks and protect against the unauthorised exploitation of systems, networks, and technologies.

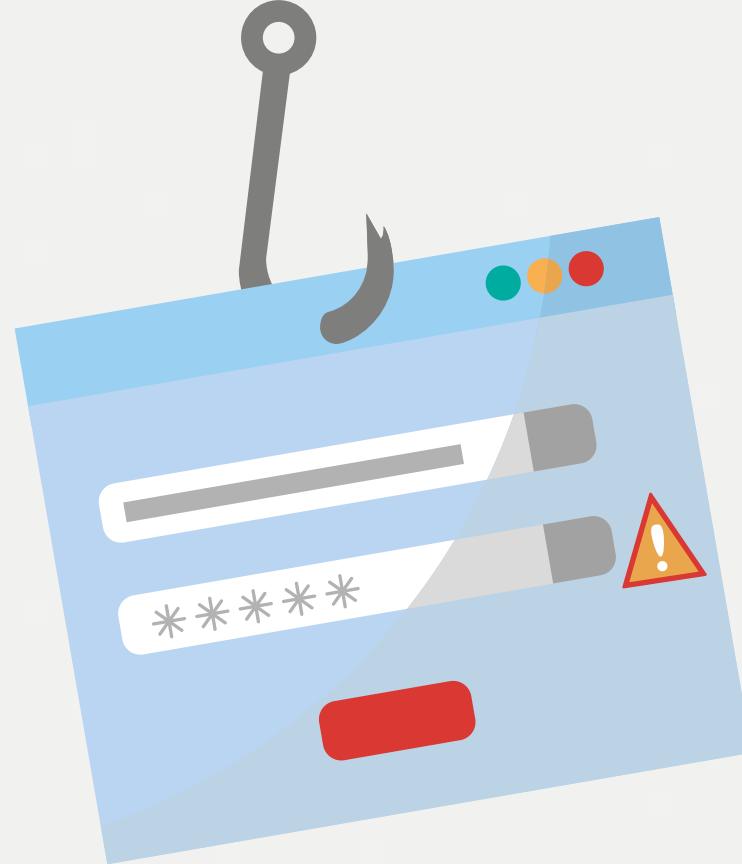


Who needs cyber security?

It is a mistake to believe that you are of no interest to cyber attackers. Everyone who is connected to the Internet needs cyber security.

This is because most cyber attacks are automated and aim to exploit common vulnerabilities rather than specific websites or organizations.





Ethical Hacking Introduction

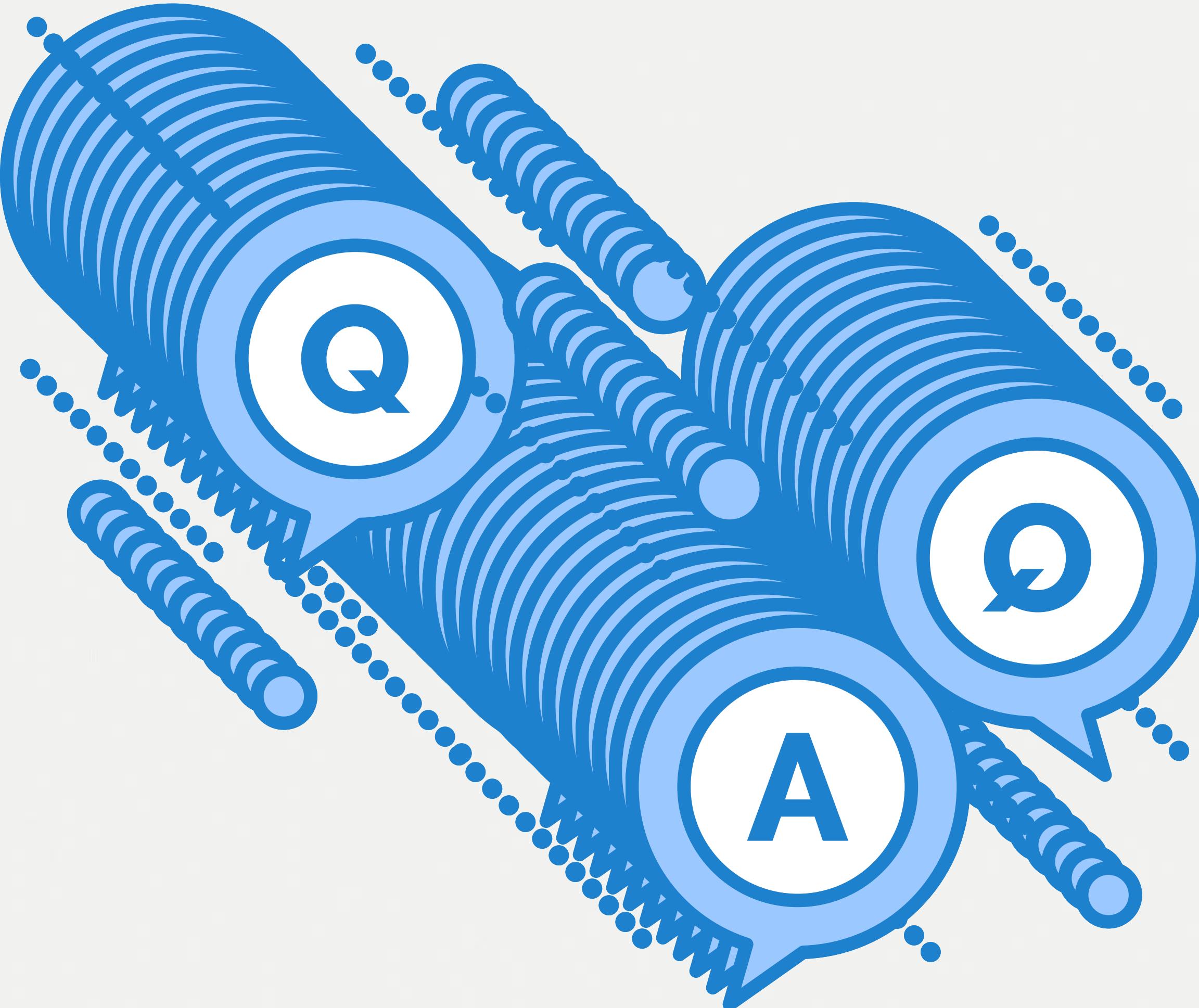
Working in IT Industry we are working in Ethical way, simplify it, we working in legal approach with under grant access for the action of Hacktivity we do on Software and Hardware in the organization



Phases of Ethical Hacking

- Information Gathering
- Scanning and Enumeration
- Gaining Access and Exploitation
- Maintain Access and Backdoor Deployment
- Clearing the Evidences
- Report/Documents Preparation





Now your Time!

COMMUNITY CONNECTION



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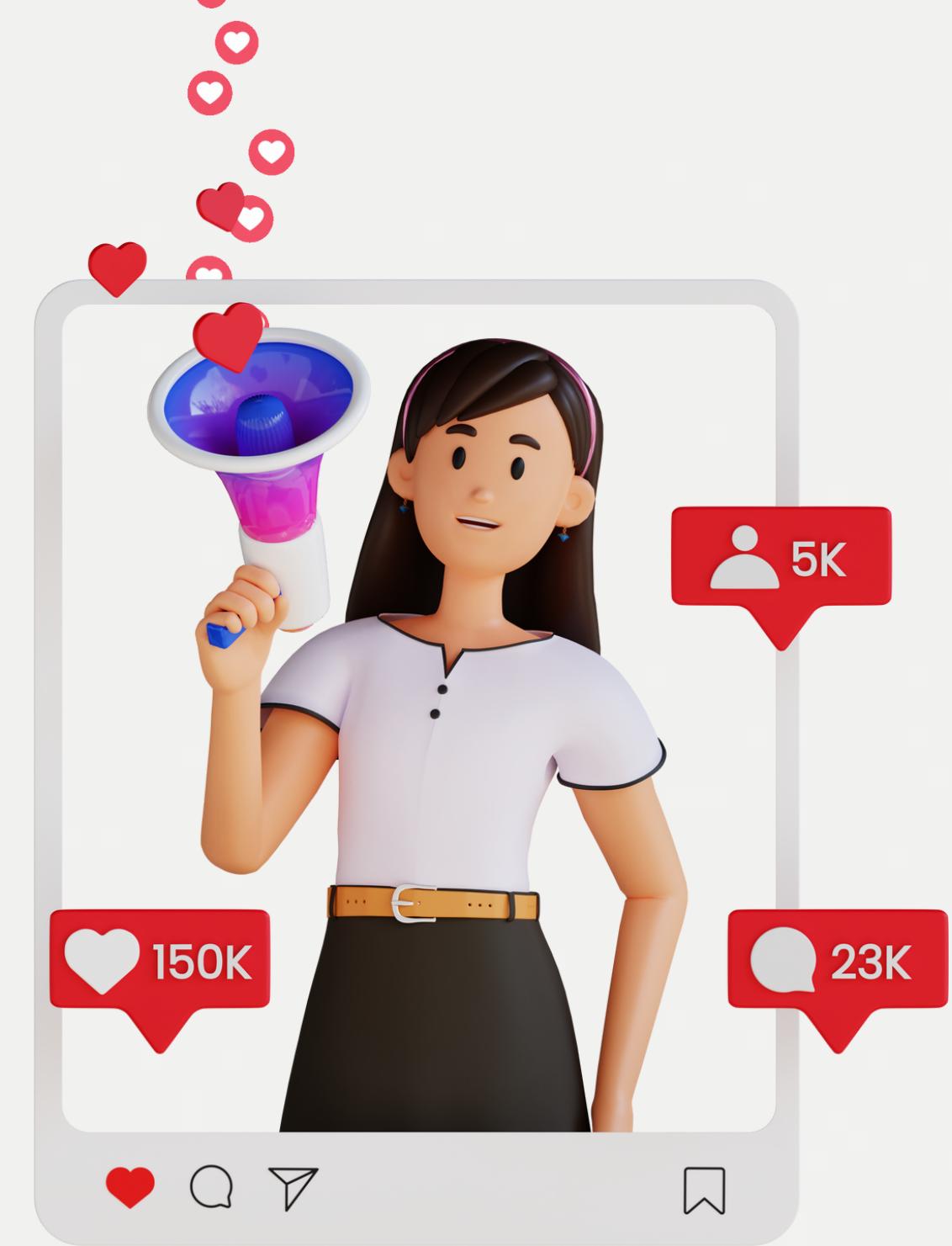


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Get Presentation from here:

<https://github.com/mukesh420/ineuron-community-session>