

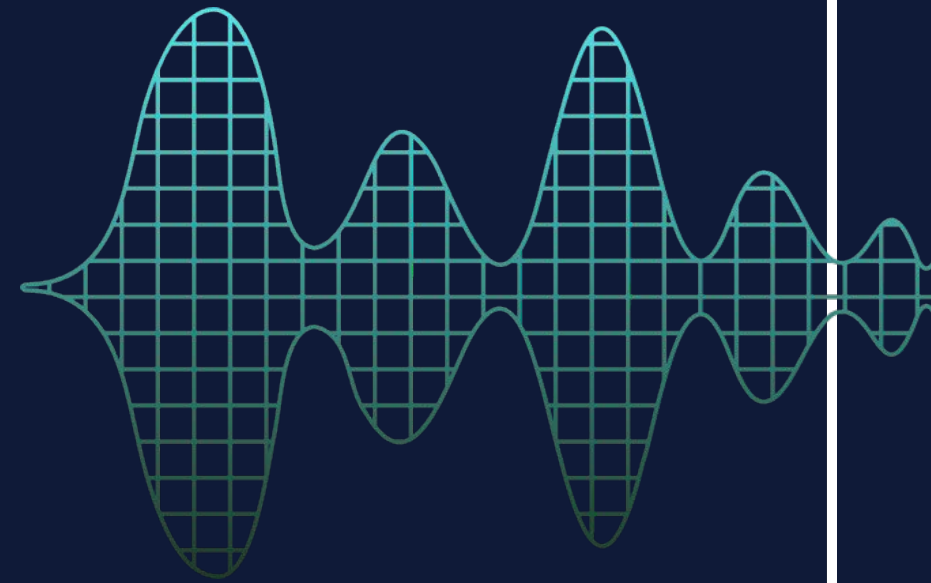
cyberthreats and vulnerabilities

Fredy Cabrera



```
obj.1): "translator": null  
obj.1): "protector": null  
obj.1): "verifier": null  
obj.1): "followers_count": 0  
obj.1): "friends_count": 0  
obj.1): "listed_count": 0  
obj.1): "favourites_count": 0  
obj.1): "statuses_count": 0  
obj.1): "created_at": "2015-07-17T12:12:12.000Z"  
obj.1): "utc_offset": null  
obj.1): "time_zone": null  
obj.1): "geo_enabled": false  
obj.1): "lang": "es"
```


01. What is Cyberthreats and vulnerabilities?



02.

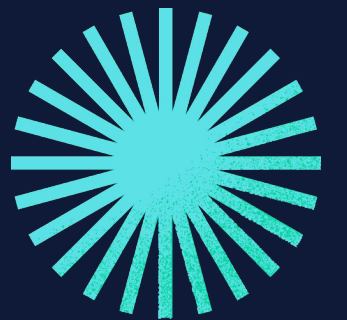
What does it
do? How is it
helpful?

03.

Why is it
important?

04.

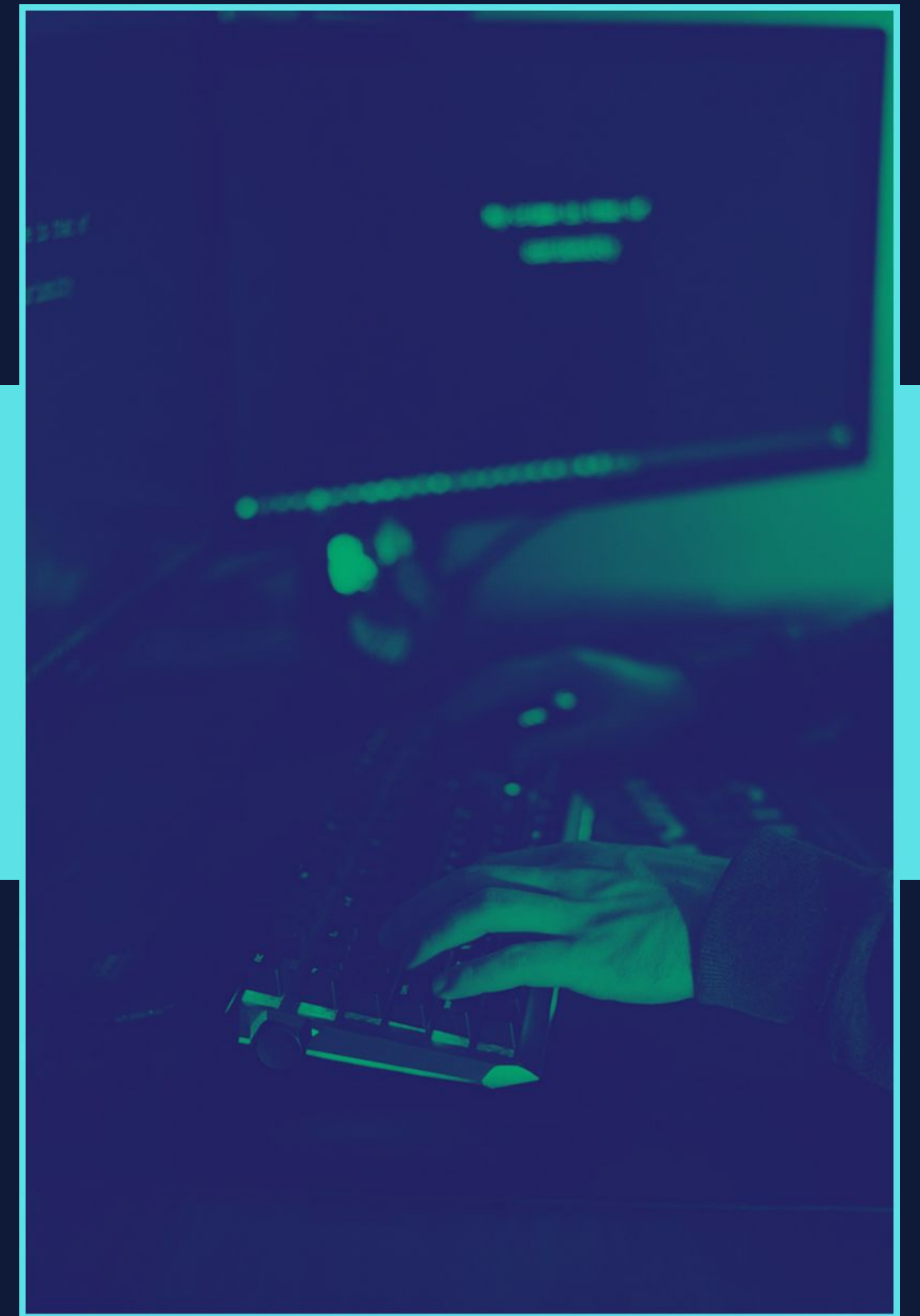
Free/paid
Resources for
learning



01.

What is cyberthreats and vulnerabilities?

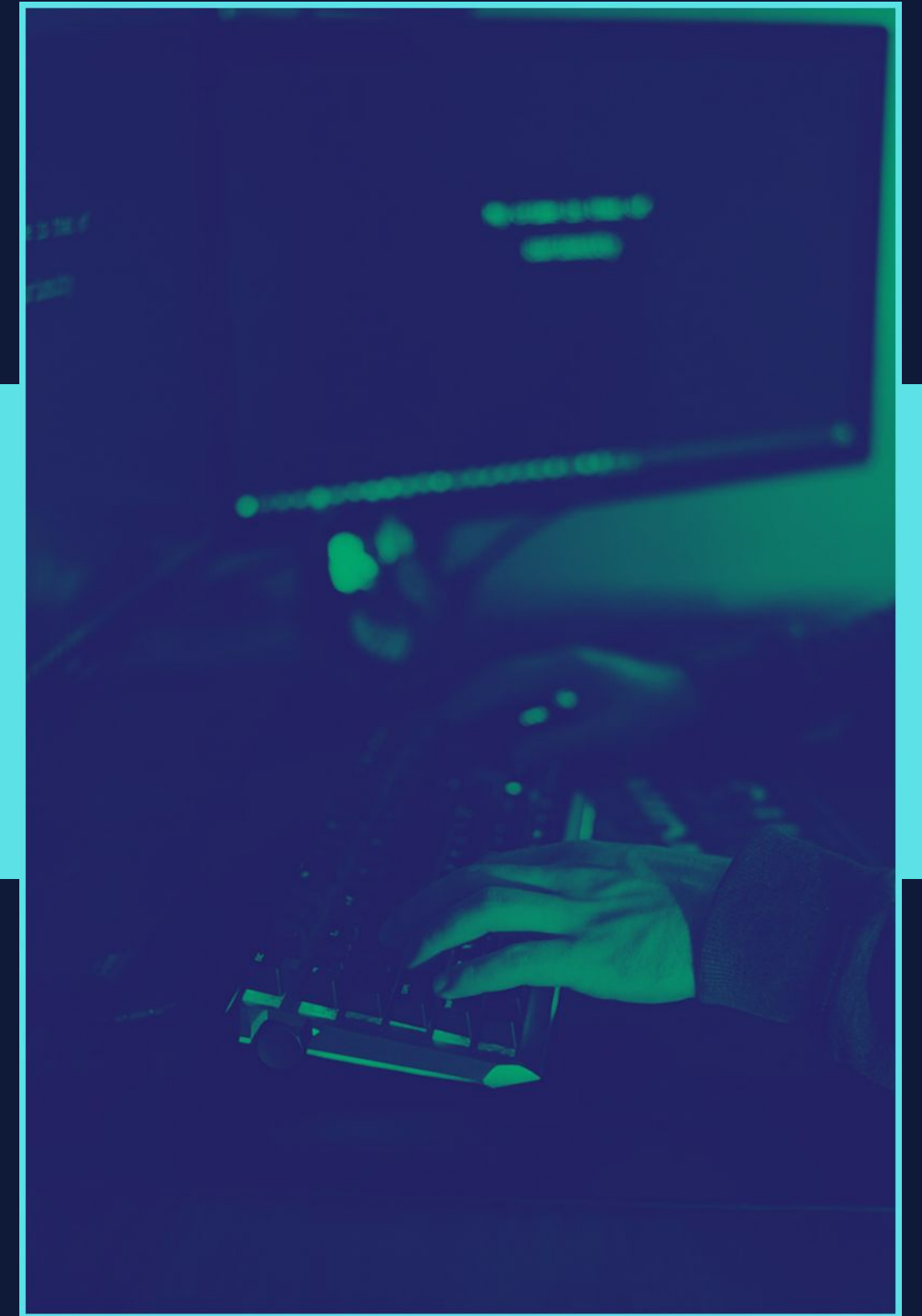
- Potential malicious activities that aim to disrupt, steal, or gain unauthorized access to data, systems, or networks
- Weaknesses or flaws in systems, networks or applications that can be exploited by cyberthreats



02.

What does it do?(Cyber Threats)

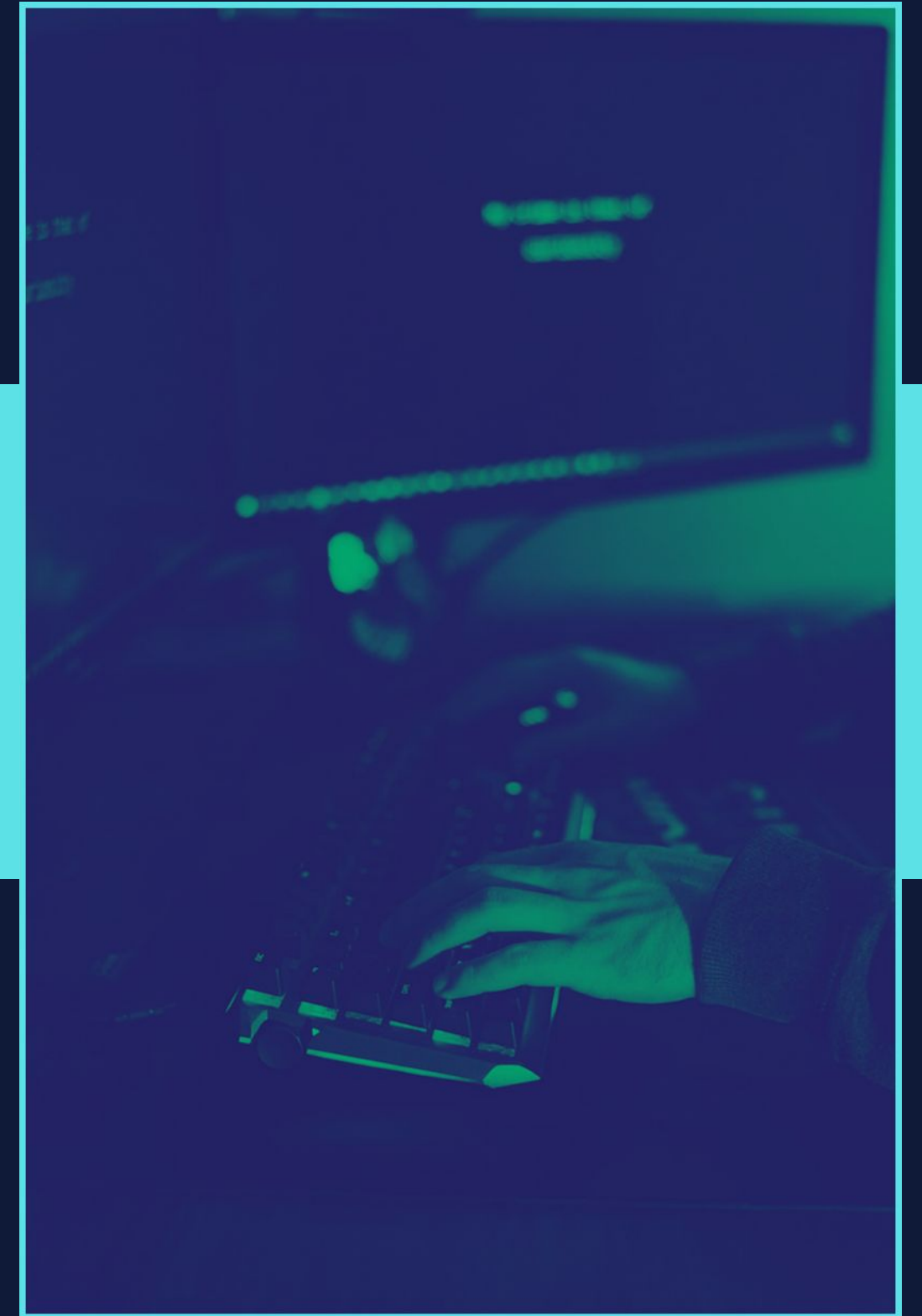
- It highlights the risks and weaknesses within systems that attackers may exploit
- Cyber Threats are the methods or actions attackers use to disrupt, steal, damage, or gain unauthorized access to data and systems.
- Ex: Ransomware, phishing emails, DOS attacks



02.

What does it do?(Vulnerabilities)

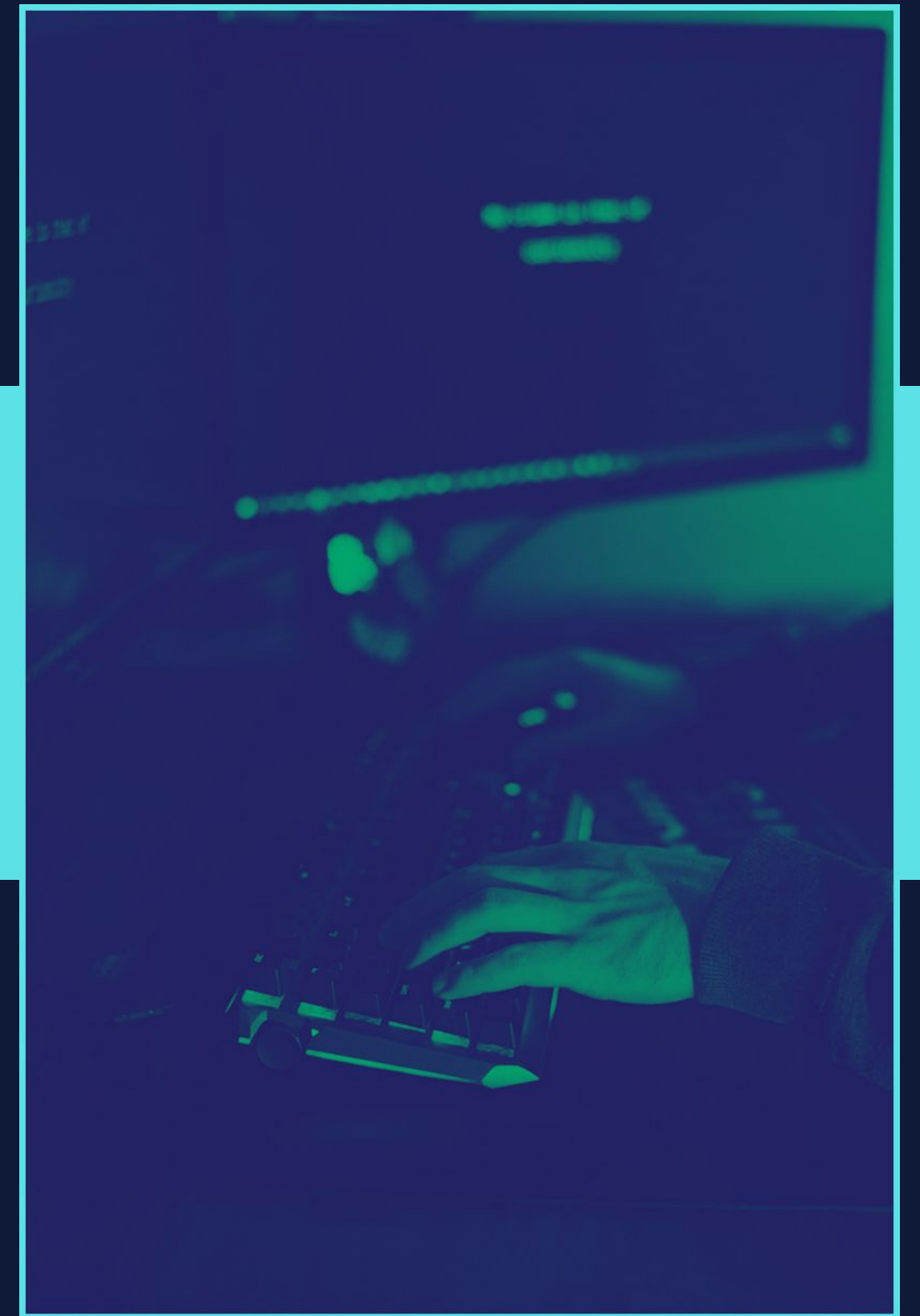
- It highlights the risks and weaknesses within systems that attackers may exploit
- Vulnerabilities are flaws or weaknesses in systems that provide a pathway for cyber threats to succeed.
- Ex: SQL injection, outdated operating systems, misconfigured firewall



02.

How is it helpful?(Cyber Threats and Vulnerabilities)

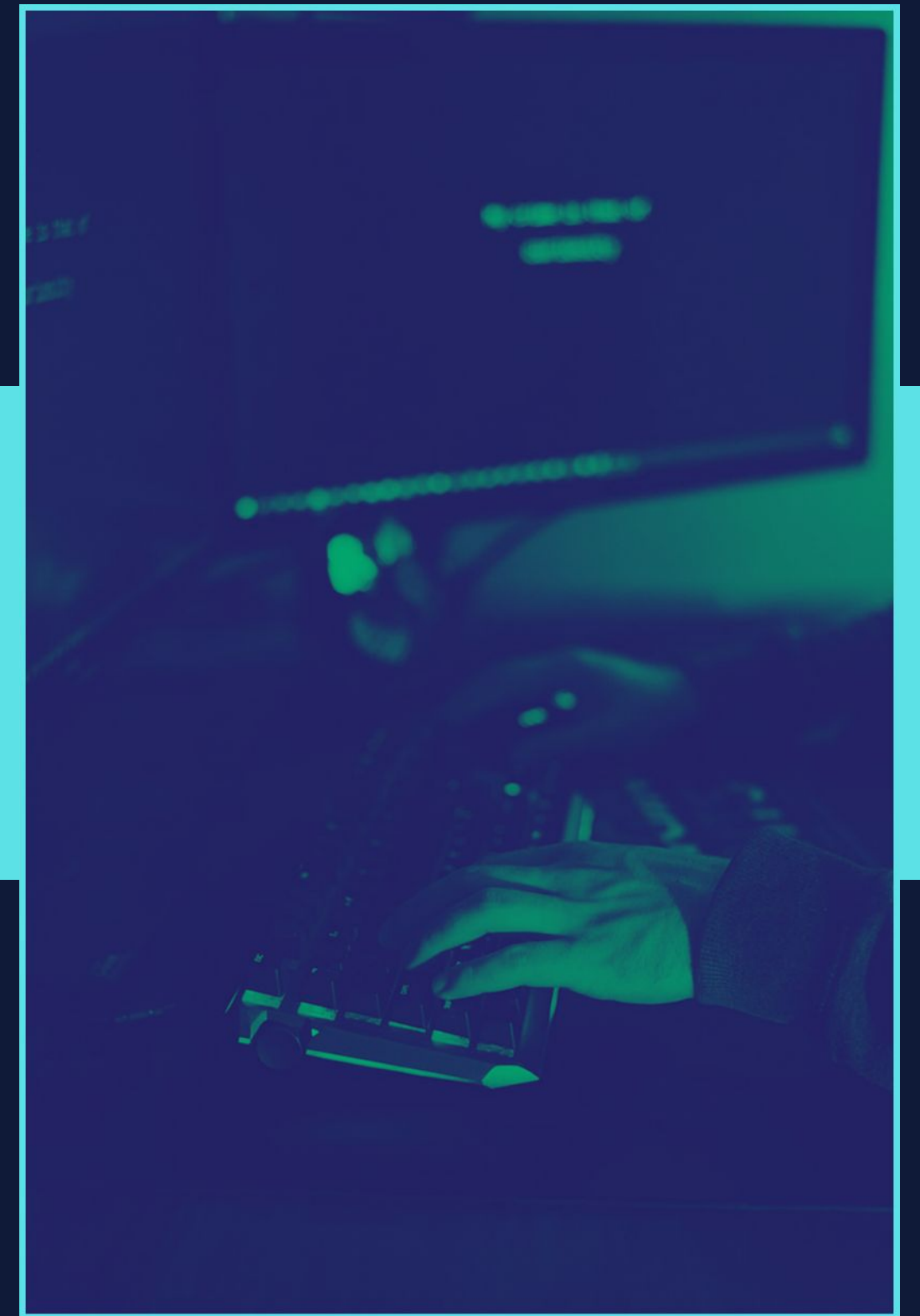
- It highlights the risks and weaknesses within systems that attackers may exploit
- Improves security posture
- Enhances awareness and training
- Incident Response in recovery



03.

Why is it important to learn for cybersecurity?

- Good foundation of Cyber Security Knowledge
- Incident Prevention and Response
- Overall good to know for general projects such as websites.



04.

Free Resources

- Cybrary(Threats & vulnerability management)
- IBM Cybersecurity Analyst Professional Certificate (Vulnerabilities course)
- edX(intro course)
- Youtube: NetworkChuck, PC security, IBM Technology



04.

Paid Resources

- CompTIA Security+(Certificate, threats, vulnerability)
- CEH(Ethical hacking, certificate)
- Coursera, Udemy, Pluralsight

