



## Ethical Hacking vs Cybersecurity

# Introduction to Ethical Hacking



# Introduction to Ethical Hacking

**Ethical Hacking** involves using White-hat hackers to test the system's integrity and find flaws that could lead to a potential **security breach**

“One among the world's **rapidly** growing IT requirements of today!”



# Introduction to Ethical Hacking

Legality



**Black Hat Hacking**

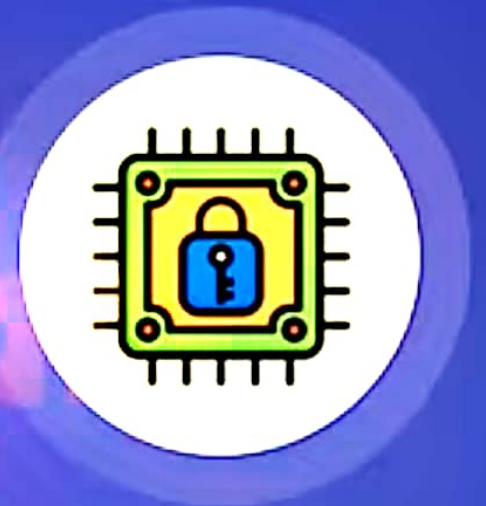


**White Hat Hacking**



**Ethical Hacking vs Cybersecurity**

**Quick Look at  
Cybersecurity**



# Quick Look at Cybersecurity



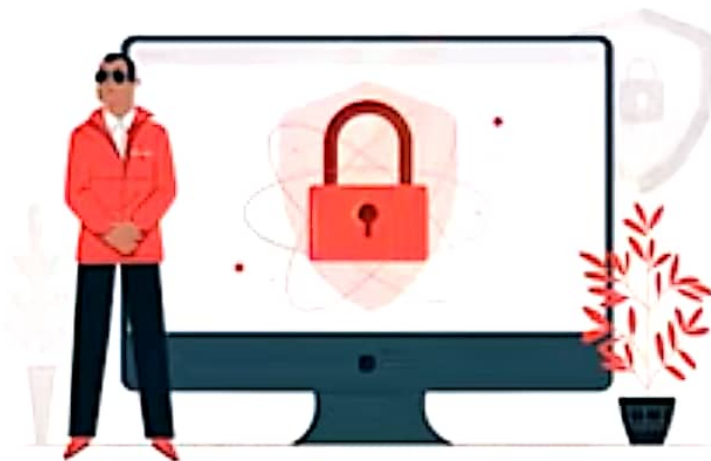
“ Cybersecurity involves creation of policies, methodologies and techniques needed to safeguard data from unauthorized access! ”



Cybersecurity is the **most important** requirement in today's digital world!



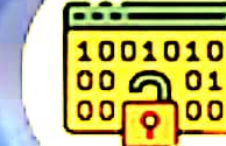
# Quick Look at Cybersecurity



- Creates Security Policies 
- Oversees Risk Register 
- Analyses New Technology 
- Hand-in-hand with Ethical Hacking 

# Ethical Hacking vs Cybersecurity

---



# Ethical Hacking vs Cybersecurity Mode of Working







# Ethical Hacking vs Cybersecurity

## #1 Mode of Working



- 
- **Ethical Hacking** deals with breaching the security set by the cybersecurity experts in the organization.



- 
- **Cybersecurity** primarily deals with recognizing and resolving any sort of potential security issues if present.



## Ethical Hacking vs Cybersecurity


**End Goal**




# Ethical Hacking vs Cybersecurity

## #2 End Goal



- 
- **Ethical Hacking** is concerned about exploiting company weak points and demonstrating failure in security.



- 
- **Cybersecurity** is concerned with reporting unauthorized use or violations in security policies.



# Ethical Hacking vs Cybersecurity Production Environment







# Ethical Hacking vs Cybersecurity

## #3 Production Environment



- 
- **Ethical Hacking** is used to evaluate the systems based on security policies that exist in the company.




- **Cybersecurity** involves auditing of all security technologies implemented in the company to check for violations.
- 




# Ethical Hacking vs Cybersecurity

## #4 Reporting



- 
- **Ethical Hacking** involves creation of thorough documentation to denote loopholes present in the system.



- **Cybersecurity** involves more of maintainability documentation than usual documentation to keep things in check.
- 

# Ethical Hacking vs Cybersecurity

## #4 Reporting



- **Ethical Hacking** involves creation of thorough documentation to denote loopholes present in the system.





- **Cybersecurity** involves more of maintainability documentation than usual documentation to keep things in check.

# Ethical Hacking vs Cybersecurity

## #5 Client Usage




- 
- **Ethical Hacking** involves showing the weaknesses of a product to the client and how improvements can be made.

- **Cybersecurity** takes an approach of showing how the latest methods and technologies can be used to safeguard tech.
- 


# Ethical Hacking vs Cybersecurity

## #6 Problem Solving



- 
- **Ethical Hacking** involves showing how an attack can be launched and succeeded against a company or an individual.




- 
- **Cybersecurity** shows the impact of the violation that can take place if security policies and methodologies are not right.


# Ethical Hacking vs Cybersecurity

## #7 Data Access



- 
- **Ethical Hackers** need to find methods to hack into the security system.



- **Cybersecurity experts** already have access to the system at stake.
- 



# Ethical Hacking vs Cybersecurity

## #8 Job Roles



- Ethical Hacking involves Penetration testers and Security Managers among other roles.



- Cybersecurity professionals are CISO, SPC Engineers, Security Analysts and more.

# Ethical Hacking vs Cybersecurity

## #8 Job Roles



- **Ethical Hacking** involves Penetration testers and Security Managers among other roles.



- **Cybersecurity professionals** are CISO, SPC Engineers, Security Analysts and more.



**Ethical Hacking vs Cybersecurity**


**Average Salary**




# Ethical Hacking vs Cybersecurity

## #9 Average Salary



- 
- **Ethical Hackers** have an handsome pay of around \$122,000 per annum in the USA and around 12 LPA in India.




- **Cybersecurity** professionals get an average salary around \$135,000 per annum in the USA and 13LPA in India.
- 




# Ethical Hacking vs Cybersecurity

## #10 Easier to Learn



- 
- **Ethical Hacking** involves a lot of creativity and out of the box thinking to be able to crack into systems.



- 
- **Cybersecurity** involves detailed learning methodologies, tools and techniques that can be unique to each organization.



# Which is better?



**Ethical Hacking** involves you thinking completely like a hacker to beat an actual hacker at his own game!



**Cybersecurity** involves preparing for what comes next rather than dwelling about what happened previously!

