



WELCOME

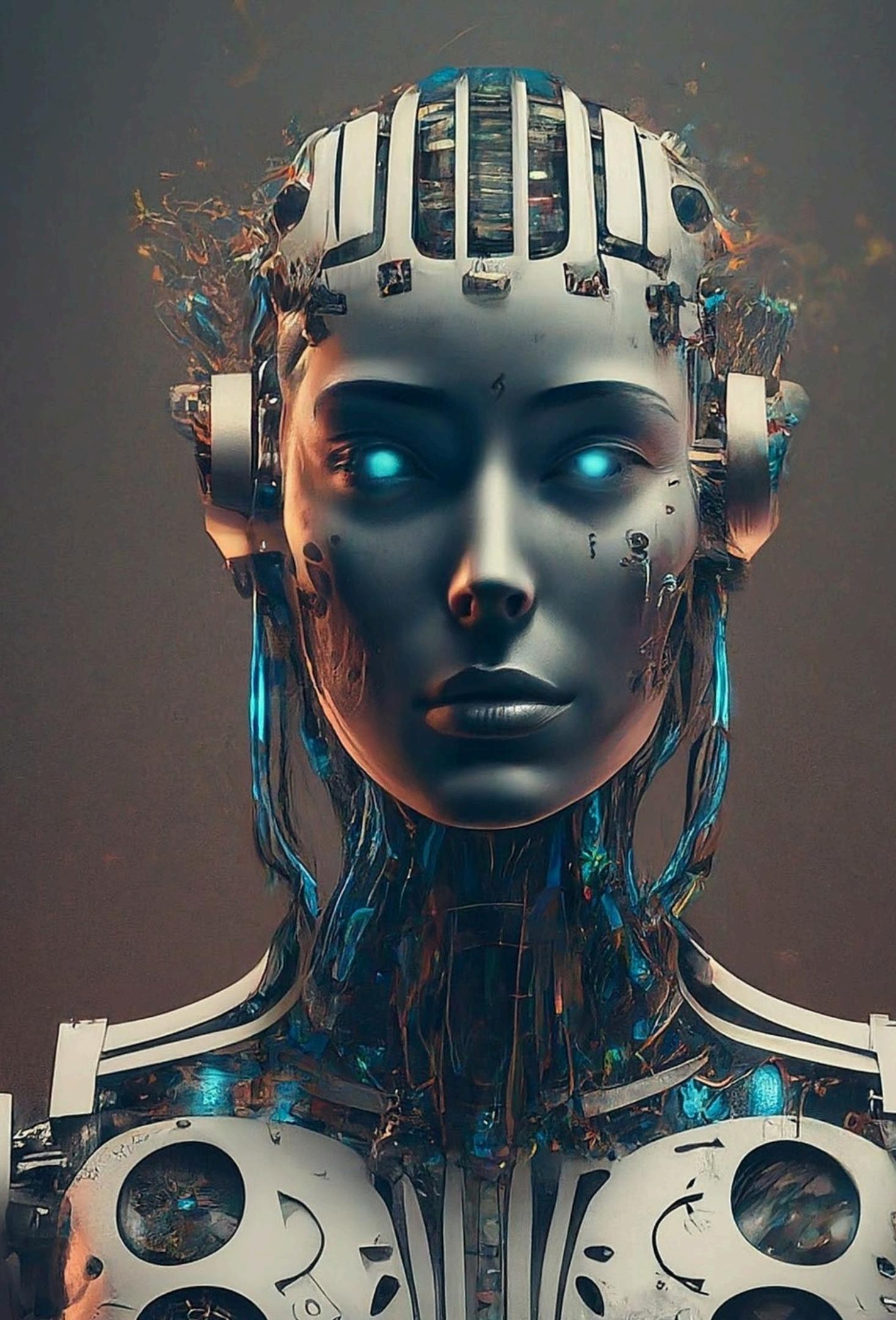
# CYBER CRIME AND CYBER SECURITY

Presented by :

Kartik Sharma

# WHAT IS CYBER CRIME?

Cybercrime refers to any illegal activity that involves a computer, a network, or the internet.



# **TYPES OF CYBER CRIME**

# FINANCIAL CYBER CRIMES

Financial cyber crimes involve the unauthorized access and exploitation of financial accounts, data, and systems for monetary gain. These include hacking, phishing, and identity theft, which can lead to devastating financial losses and credit damage for victims.

# IDENTITY THEFT CRIMES



Stolen Identities

# IDENTITY THEFT CRIMES



## Stolen Identities

Cyber criminals can gain unauthorized access to personal information, leading to the theft of identities for financial gain or other malicious purposes.

# IDENTITY THEFT CRIMES



Stolen Identities



Data Breaches

# IDENTITY THEFT CRIMES



## Data Breaches

Hackers may exploit vulnerabilities in digital systems to steal sensitive data like social security numbers, credit card details, and login credentials.

# IDENTITY THEFT CRIMES



Stolen Identities

Data Breaches

Legal Consequences

# IDENTITY THEFT CRIMES



## Legal Consequences

Identity theft can lead to serious legal troubles, including fraud charges, damaged credit scores, and the need to restore one's good name.

# CYBERBULLYING CYBERCRIMES

Cyberbullying involves the use of digital technologies to harass, threaten, or humiliate an individual. This pernicious form of cyber crime can have devastating psychological impacts, leading to depression, anxiety, and even suicide in severe cases.



# ONLINE ETIQUETTE

## Online Etiquette

Good online etiquette means being polite, considerate and responsible when using the internet and digital devices. This includes things like not sharing personal information, being careful with what you post, and treating others with respect, even if you disagree with them.

## Staying Safe

If you ever feel unsafe or bullied online, be sure to tell a trusted adult, like a parent or teacher. They can help you report the bullying and make sure you stay protected. Remember, you should never have to deal with cyberbullying on your own.

# HACKING CYBER CRIMES

Hacking cyber crimes involve unauthorized access to computer systems, networks, or data with malicious intent. Hackers may steal sensitive information, disrupt operations, or hold data for ransom. These crimes can target individuals, businesses, or even critical infrastructure.

Common hacking techniques include malware, phishing, and exploiting software vulnerabilities. The impacts can be severe, leading to financial losses, reputational damage, and even physical harm.





# CYBER SECURITY FUNDAMENTALS

# CYBER SECURITY FUNDAMENTALS

1

## Understanding Threats

Identify the various types of cyber threats, including malware, phishing, hacking, and data breaches, to develop a comprehensive security strategy.

2

## Implementing Robust Security Measures

Deploy a multi-layered approach, including firewalls, antivirus software, and encryption, to protect against unauthorized access and data theft.

3

## Fostering Security Awareness

Educate employees on best practices, such as recognizing phishing attempts and using strong passwords, to enhance the overall security posture.

4

## Protecting Sensitive Data

Implement robust data backup and recovery procedures to ensure the availability and integrity of critical information in the event of a cyber attack.

# PROTECTING YOURSELF FROM CYBER THREATS

In our increasingly digital world, it's crucial to take proactive steps to safeguard yourself from the growing array of cyber threats. Adopting robust security practices and maintaining vigilance can go a long way in deterring malicious actors and preserving the integrity of your personal information.

# CYBER SECURITY BEST PRACTICES

# CYBER SECURITY BEST PRACTICES

## Enable Two-Factor Authentication

Protect your accounts with an extra layer of security by enabling two-factor authentication, which requires both a password and a one-time code to log in.

## Use Strong and Unique Passwords

Create complex, unique passwords for each account to prevent credential stuffing and brute-force attacks. Consider using a password manager for enhanced security.

## Keep Software Up-to-Date

Regularly update your operating systems, applications, and devices to ensure you have the latest security patches that address known vulnerabilities.

## Be Cautious of Phishing Attempts

Scrutinize suspicious emails, messages, and links that ask for personal information or prompt you to take immediate action.

# CAREERS IN CYBER SECURITY



# CAREERS IN CYBER SECURITY



## Cybersecurity Analyst

Protect organizations from cyber threats by monitoring networks, detecting intrusions, and implementing security measures to safeguard sensitive data.



## Ethical Hacker

Leverage hacking techniques to identify and address vulnerabilities in an organization's systems, helping to strengthen their cybersecurity posture.



## Cybersecurity Educator

Educate the next generation of cybersecurity professionals, developing and delivering training programs to equip individuals with the skills to combat cyber threats.



## Chief Information Security Officer

Oversee an organization's overall cybersecurity strategy, ensuring that robust security measures are in place to protect against data breaches and cyber-attacks.

# **FUTURE PROSPECTS ABOUT CYBER CRIME**

# FUTURE PROSPECTS ABOUT CYBER CRIME

## Rise of AI-Powered Defenses

Cutting-edge AI systems will continue to strengthen cybersecurity by rapidly detecting and mitigating emerging threats with unparalleled speed and accuracy.

# FUTURE PROSPECTS ABOUT CYBER CRIME

2

## Increased Regulatory Oversight

Governments and industry bodies will enact stricter data privacy laws and cybersecurity standards to hold organizations accountable and deter cyber criminals.

# FUTURE PROSPECTS ABOUT CYBER CRIME

3

## Proactive Threat Prediction

AI-driven predictive analytics will enable organizations to anticipate cyber attacks before they happen, allowing for proactive defense and prevention.

# CONDITION OF CYBER CRIME IN INDIA

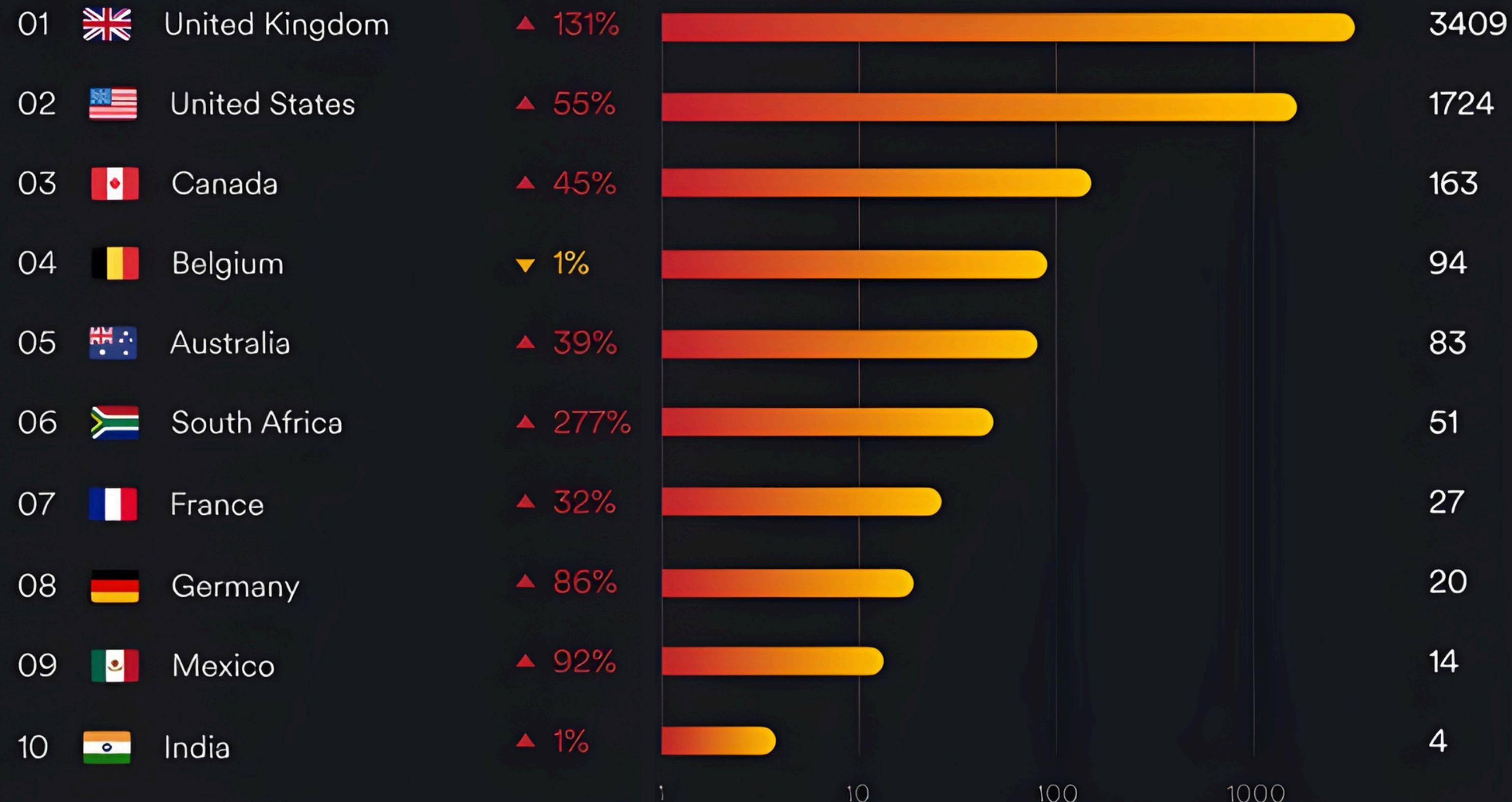
**3M**  
Cyber Crimes

**\$1B**  
Annual Losses

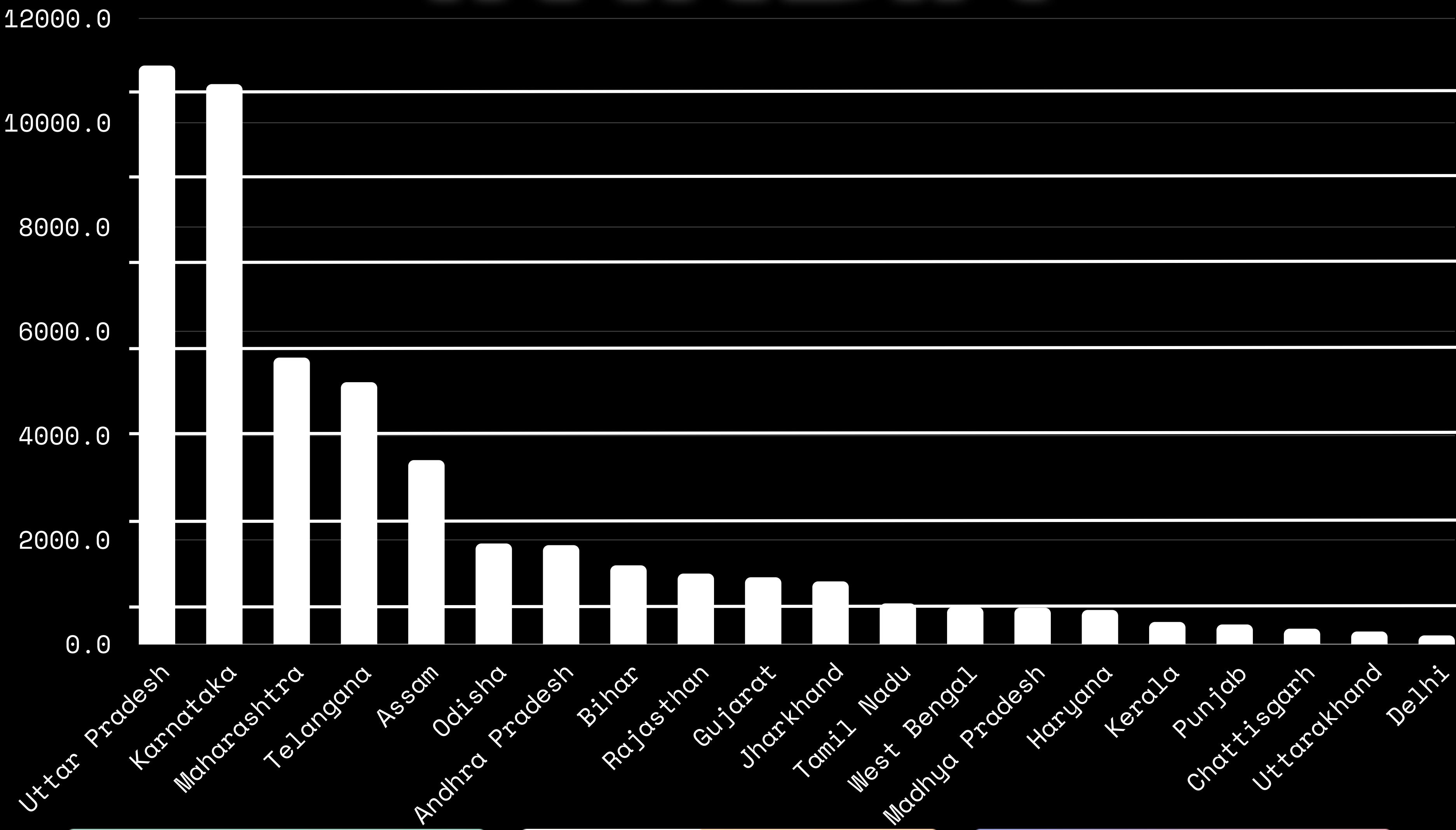
**175%**  
Increase in 5  
Years

India has emerged as a prime target for cyber criminals, with a staggering 3 million cyber crimes reported annually, resulting in over \$1 billion in losses. The country has witnessed a 175% surge in cyber attacks over the past 5 years, underscoring the urgent need for robust cybersecurity measures.

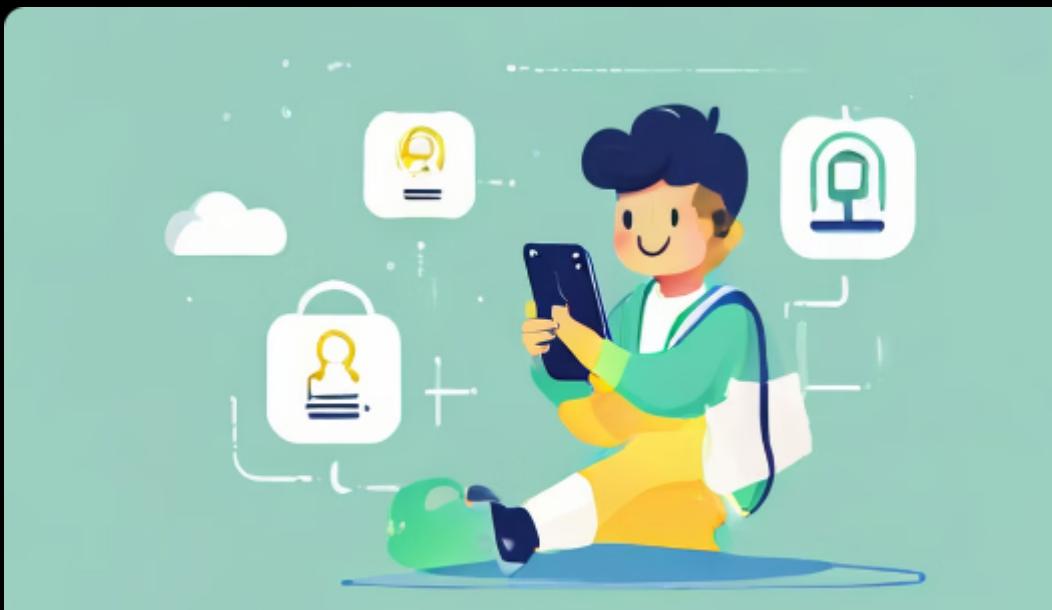
# TOP 10 COUNTRIES BY CYBER CRIME DENSITY



# CYBER CRIME STATISTICS IN INDIA

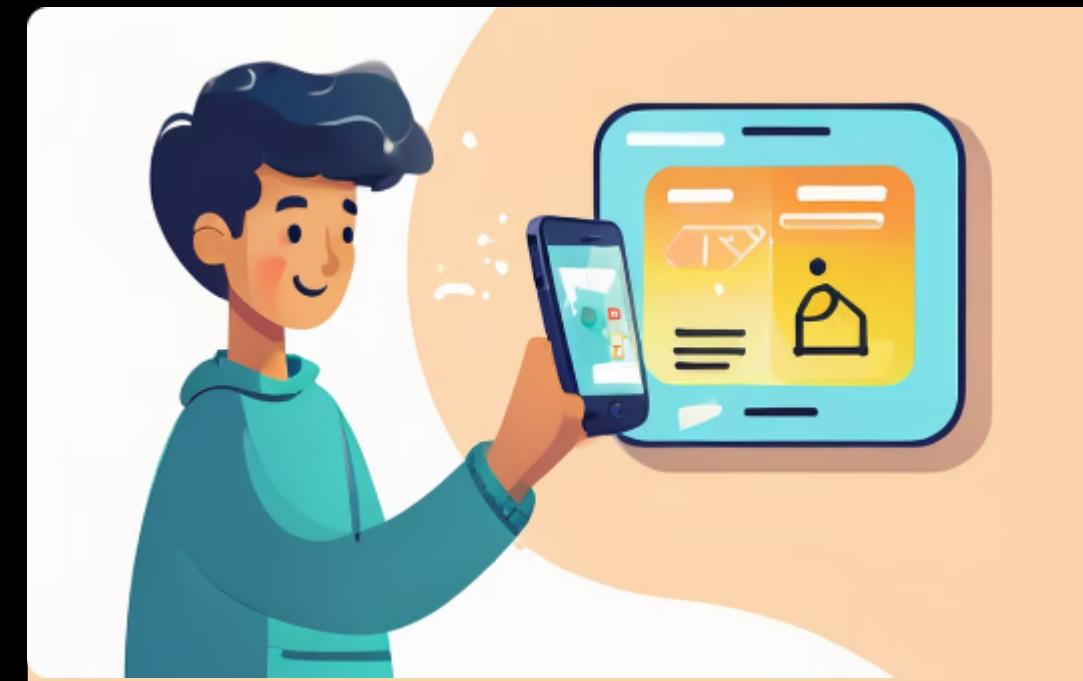


# ONLINE SAFETY TIPS



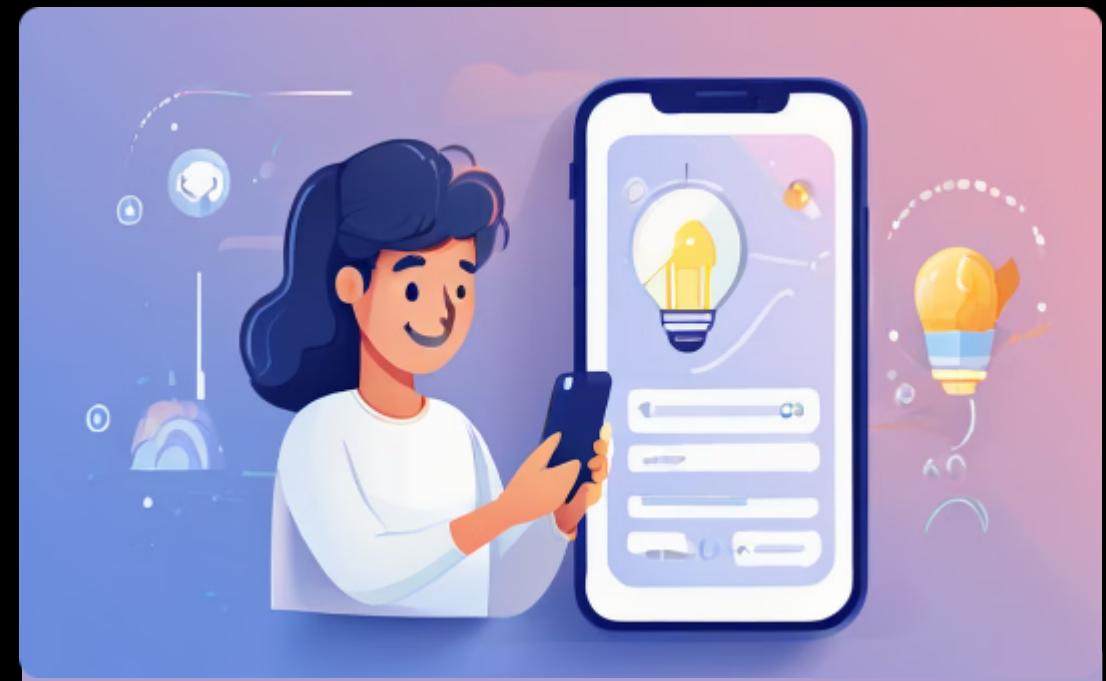
## Keep Your Accounts Secure

Create strong, unique passwords for all your online accounts. Avoid sharing personal information like your address or phone number. Enable two-factor authentication whenever possible to add an extra layer of security.



## Be Cautious Online

Be wary of clicking on links or attachments from unknown sources. Scammers often try to trick you into revealing sensitive information or downloading malware. If something seems suspicious, don't hesitate to double-check before taking any action.



## Protect Your Privacy

Be mindful of what you share on social media. Avoid posting personal details that could be used to identify or locate you. Regularly check your privacy settings to ensure your information is kept safe.



# CONCLUSION

Well, that's it! We've covered a lot of important information about **cybersecurity** and how to stay safe online. Remember, the key is to always be vigilant, use strong **passwords**, and be careful about what information you share. If you have any **questions**, now is the time to ask! I'm happy to answer anything you're still unsure about.

And remember, if you ever feel unsafe or uncomfortable online, tell a trusted adult right away. They can help you navigate the tricky world of the internet. Cybersecurity is so important, but it doesn't have to be scary. With the right knowledge and precautions, you can explore the digital world with confidence!

**ITS QUIZ TIME**