

AI For Web Security

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0% knowledge about cybersecurity

Task-1:

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What is Cyber security:

Cyber security is like a shield that protects your devices and data from bad people who want to harm you. These bad people are called cyber criminals, and they use different ways to attack you, such as viruses, hacking, phishing, ransomware, and more. Cyber security helps you stop these attacks and keep your devices and data safe. Cyber security is important for everyone, because cyber criminals can steal your money, your identity, your secrets, or even your country's secrets. Cyber security has many parts, such as making sure your network is secure, your apps are secure, your information is secure, your operations are secure, and you know how to be safe online. Cyber security helps you protect yourself and others from cyber threats.

Top10 hackers:

1. **Kevin Metnick:**Kevin Mitnick was an American computer security consultant, author, and convicted hacker.He was once one of the FBI's "most wanted" cybercriminals.He spent five years in prison for computer and wire fraud following a two-year federal manhunt in the 1990s.After his release in 2000 he reinvented himself, becoming a renowned "white hat" hacker, cybersecurity consultant and author.He died on Sunday following a 14-month long battle with pancreatic cancer.
2. **Anonymous:**Anonymous is a decentralized international hacktivist collective.They are known for cyberattacks against governments, corporations, and the Church of Scientology.Anonymous originated in 2003 on the imageboard 4chan.Members can be distinguished by wearing Guy Fawkes masks.Dozens of people have been arrested for involvement in Anonymous cyberattacks. Supporters call them "freedom fighters" while critics call them "cyber terrorists". In 2012, Time called Anonymous one of the "100 most influential people" in the world.
3. **Adrian Lamo:** He was an American threat analyst and hacker who gained media attention for breaking into several high-profile computer networks, including those of The New York Times, Yahoo!, and Microsoft, culminating in his 2003 arrest¹.
4. **Albert Gonzalez:** He is an American computer hacker, computer criminal and police informer, who is accused of masterminding the combined credit card theft and subsequent reselling of more than 170 million card and ATM numbers from 2005 to 2007, the biggest such fraud in history².

5. **Matthew Bevan and Richard Pryce:** They were two young hackers who in their spare time, from the comfort of their bedrooms, had penetrated what should have been the most secure defense network in the world back in the '90s³.
6. **Jeanson James Ancheta:** He became the first person to be charged for controlling large numbers of hijacked computers or botnets in 2006⁴.
7. **Michael Calce:** Also known as MafiaBoy, he is a security expert and former computer hacker from Île Bizard, Quebec, who launched a series of highly publicized denial-of-service attacks in February 2000 against large commercial websites, including Yahoo!, Fifa.com, Amazon.com, Dell, Inc., E*TRADE, eBay, and CNN⁵.
8. **Kevin Poulsen:** He is an American former black-hat hacker and a contributing editor at The Daily Beast. His best-known hack involved penetrating telephone company computers in the early 1990s to win radio station phone-in contests⁶.
9. **Jonathan James:** Also known as c0mrade, he was an American hacker who was the first juvenile incarcerated for cybercrime in the United States. The South Florida native was 15 years old at the time of the first offense and 16 years old on the date of his sentencing⁷.
10. **Astra:** Astra is a pseudonym used by a hacker who is believed to have stolen weapons technology data from the French aerospace manufacturer Dassault Group and sold it to various countries over a period of five years. The true identity of Astra has not been revealed.