

NAME: NANDIGAM KAMALI HARIPRIYA

REG NO: 21BCE2746

AI for Cyber Security with IBM Qradar (AI for Web Security)

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Task-1:

Given below are the Top 10 most notorious hackers of all time in the internet world.

1. Kevin Mitnick

Kevin Mitnick is the most notorious American hacker. In 1981 he was charged with stealing computer manuals from Pacific Bell. He never exploited the data he hacked. He served in prison for multiple computer and wire fraud. Kevin Mitnick is a Black Hat turned White Hat. He now works as a security consultant.

2. Anonymous

Started in 2003, Anonymous is responsible for multiple attacks in both government and corporate sectors. The group is specialized in DDOS attacks, hacktivism, malicious activities and online protests. Anonymous is known for 4chan message boards and issues with the Church of Scientology. Though some members of the group were tracked down, the extinction of the group is not possible. Anonymous are categorized as Grey Hat hackers.

3. Adrian Lamo

Adrian Lamo was identified as a hacker since the year 2001, when he's 20 years old. He informs the press and his victims about his hacking activities. He was known for hacking The New York Times intranet and made himself a member of expert sources in 2002. He turned in Chelsea Manning for leaking classified documents. He is categorized as Grey Hat hacker.

4. Albert Gonzalez

Albert Gonzalez was considered to be one of the best hackers and moderators active on criminal commerce site Shadowcrew.com. His speciality is Cybercrime and credit card fraud. He stole data from millions of card amounts leading to debit card fraud. Later to avoid jail he became an informant for the secret service. But he still continued his activities during that time and was responsible for stealing more than 180 million payment card accounts from companies including OfficeMax, Dave and Buster's and Boston Market. He is involved in serious criminal activities and is categorized as Black Hat Hacker.

5. Matthew Bevan and Richard Pryce

Bevan and Pryce were known for their skill in infiltrating secure networks and exploring vulnerabilities in computer systems. In 1996, British hackers, Matthew Bevan and Richard Pryce as a team were identified for hacking into multiple military networks like, Griffiss Air Force Base, the Defense Information System Agency and the Korean Atomic Research Institute (KARI). Matthew Bevan and Richard Pryce dumped KARI research onto American military systems. They are categorized as Grey Hat Hackers and a bit of Black Hat Hackers too.

6. Jeanson James Ancheta

Jeanson James Ancheta known for his specialty in botnet technology. He maintains control over computers through these bots. He launched DDOS attacks using his

botnet and gained money with it. His illegal criminal activities lead him to 57 months of prison. He is categorized as a Black Hat Hacker.

7. Michael Calce

Michael Calce, popularly known as "Mafiaboy," a 15-year-old, learned how to hijack computer networks at universities in February 2000. He pooled their resources to overthrow Yahoo, the leading search engine at the time. By utilizing a distributed denial-of-service (DDoS) assault to overwhelm business servers and bring down their websites, he also shut down Dell, eBay, CNN, and Amazon within a week. He is famous for his DDoS attacks. He is Categorized as Black Hat Hacker. His acts were hostile, designed to stir up trouble, and they significantly affected the websites he targeted.

8. Kevin Poulsen

Under the identity Dark Dante, a 17-year-old Poulsen gained access to the Pentagon's computer network ARPANET in 1983. Despite being swiftly apprehended, the authorities chose not to press charges against Poulsen, who was still a child at the time. Instead, he was given a warning and released. He allegedly hacked a radio station contest in 1990 to make sure he was the 102nd caller, winning a brand-new Porsche, a trip, and \$20,000 in the process. Poulsen was promptly detained and given a three-year computer use ban. Since then, he has switched to white hat hacking and journalism, writing for Wired, The Daily Beast, and his own site Threat Level on cyber security and web-related socio-political problems. Paulson also collaborated on a number of initiatives for social justice and information freedom with other top hackers. He can be categorized into Grey Hat Hacker as his actions are illegal but not intentionally caused any harm.

9. Jonathan James

Jonathan James, using the moniker comrade, broke into many organisations at the age of 15, including the US Department of Defence. Through hacking, he gained access to more than 3,000 messages, usernames, passwords, and other private information. James was detained in 2000 and given a six-month prison term. James is allegedly responsible for the hacking of the department retailer TJX in 2007. James shot himself in the head in 2008, saying that he had lost control of the situation and that his actions would make a greater statement to the general audience. James was the earliest individual ever found guilty of breaking cybercrime laws. He is a Black Hat Hacker who was responsible for criminal activities in order to show his skills.

10. ASTRA

A 58-year-old Greek mathematician, known as ASTRA, was apprehended in 2008 for hacking into the Dassault Group. He stole advanced weapons technology software and data, which he sold to 250 individuals worldwide. The hacking cost the group \$360 million in damages. The identity of the hacker remains unknown, but the term 'ASTRA' comes from the Sanskrit word for 'weapon'. The Daily Mail reported that ASTRA was apprehended in 2008 and was identified as a Greek mathematician. He can be identified as Black Hat Hacker.

Source: <https://www.kaspersky.com/resource-center/threats/top-ten-greatest-hackers>