Hello Everyone! In this video, you will learn about different types of hackers based on their intention to perform a hacking activity.

There could be various positive and negative intentions behind performing hacking activities. Here is a list of some probable reasons why people indulge in hacking activities. They may do it Just for fun to Show-off their skills, to Steal important information, to Damage the target system, with the purpose of hampering privacy, Money extortion, System security testing, or breaking policy compliance

Now let us see how many different types of hackers are there based on their objective – They may be Black Hat Hacker- Malicious Hackers, White Hat Hackers or Ethical Hackers, Grey Hat Hacker, Green Hat Hackers, Blue Hat Hacker and Red Hat Hacker which are also known as Vigilante Hackers

Let us discuss the functions and objectives of these hackers one by one.

Black hat hackers are very intelligent and knowledgeable computer experts but with the wrong intention.

They unauthentically, attack other systems to get access. After gaining entry they might steal the data or destroy the system.

The Main motive of Black Hat Hacker is to perform illegal activities, which are not allowed normally like

stealing bank data, encrypting your computer, etc. Normally, they use the stolen resources for their benefit, gain money by selling data in the black market like the dark web or harass their targets.

White Hat Hackers also known as ethical hackers are professionals with expertise in cybersecurity. They are certified and authorized to hack the systems.

These White Hat Hackers work for governments or organizations for finding the security weaknesses of the organization. They perform penetration testing to focus on weaknesses and securing the IT systems.

Grey Hat Hackers fall in between the black hat hackers and white hat hackers. These types of hackers work with either good or bad intentions. They normally work without the intention of personal gain. They most of the time work ethically but sometimes may work as a black hat hacker also to commit some crimes. There is a very thin line between an ethical hacker and grey hat hacker.

The Main Motive of Grey Hat Hackers is that they don't want to rob people nor want to help people in particular. Rather, they enjoy experimenting with systems to find loopholes, and crack defenses, for fun.

In summary,
A White Hat Hacker is an Individual who is specialized in hacking and checking the faults of the system

A Black Hat Hacker is an Individual who breaks into networks and harms the network and property and
A Grey Hat Hacker is an Individual who exploits security to get the attention of the owner or just for fun.

Other than White hat hackers, black hat hackers, and grey hat hackers, there are some other types of hackers also. Let's discuss them one by one.
Red Hat Hackers. Red Hat Hackers are synonymous with Eagle-Eyed Hackers. They are the types of hackers who have intentions similar to white hat hackers but do their tasks in a much more aggressive way. Red hat hackers are quite ruthless while dealing with black hat hackers or counteracting with malware. They continue to attack the black hat hackers and may destroy their own systems and the attacker's system.

Blue Hat Hackers:
Blue Hat hackers often take existing code for malware and viruses they find online, then modify it to meet their needs. Blue hat hackers can also be independent security experts. They are highly skilled at their job and are often invited by organizations to check the vulnerabilities in their networks. They use hacking as a weapon to gain popularity among their fellow beings.

Green Hat Hacker is one more category of hackers who are willing to learn to hack and in the mean time, they perform hacking activities to explore it.

They are new to the world of scripting, coding, and hacking in general, so you probably won't find one attacking.

Green Hat hackers don't really represent a threat to businesses. They are still 'green', and more interested in learning how to hack than actually doing it.

Some other miscellaneous types of hackers such as Script kiddies, Hacktivist and Phreaker are also found.

Script kiddies are amateur's types of hackers in the field of hacking. They try to hack the system with scripts from other fellow hackers. They try to hack the systems, networks, or websites. The intention behind the hacking is just to get attention from their peers.

On the other hand, hacktivists are hackers who intend to hack government websites. They pose themselves as activists, so known as a hacktivist. Hacktivists can be an individual or a bunch of nameless hackers whose intent is to gain access to government websites and networks.

There is one more category Called **Phreaker-**
A hacker who identifies and exploits weaknesses in telephones instead of computers.

Thank You…