STEGANOGRAPHY - A TECHNIQUE TO HIDE THE DATA

Abstract:

Since the rise of the internet one of the main elements of data information technology and communication has been the security of data. Cryptography was made as a technique for securing the secrecy of communication and many different strategies have been created and developed to encrypt and decrypt information to keep the message secret. Unfortunately sometimes we can't hide the information. The technique used to hide the information is Steganography.

Steganography is one of the popular technique to hide data. Steganography is the act of concealing or hiding a mystery message within something not secret. The word steganography appears to be extravagant, yet it really comes from Greek. The root "steganos" is Greek for "hidden" or "covered," and the root "Graph" is Greek for "to write." Combine these words together, and you have something close to "hidden writing" or "secret writing." Cybercriminals use steganography to hide stolen information or malicious code in pictures, audio documents and other media.

The most famous form to hide the data that is frequently used for Steganography are digital images, as they are also the most dominant forms found on the internet.