CIA tirade cryptography role

Encryptions and decryption under cryptography play a role in the CIA tirade.

In confidentiality personal information like accounts log-ins, password, online financial account numbers always have to be protected from unauthorized users. The above information we want to keep private at all time, thus if you have good cryptography skills attackers getting your information can be difficult. Encryption ensures that only the right people can read the information. In availability is when authorized users are able to have access to information when they need it. Thus data that is stored can be encrypted ensuring the authorized users have access because they will know the encryption keys. Integrity talks about protection of data from modifications by unauthorized users, cryptography plays a very major role in ensuring data integrity through commonly used methods to protect data integrity includes hashing the data you receive and comparing it with the hash of the original message.