**Difference between encryption and hashing**

Encryption is a two-way function that includes encryption and decryption whilst hashing is a one-way function that changes a plain text to a unique digest that is irreversible

Encryption is a two-way function where data is passed in as [**plaintext**](https://www.encryptionconsulting.com/education-center/what-are-plaintext-and-ciphertext/)and comes out as cipher text, which is unreadable. Since encryption is two-way, the data can be decrypted so it is readable again. Hashing, on the other hand, is one-way, meaning the plaintext is scrambled into a unique digest, through the use of a salt, that cannot be decrypted. Technically, hashing can be reversed, but the computational power needed to decrypt it makes decryption infeasible.