



```
In [2]: from cryptography.fernet import Fernet
key = Fernet.generate_key()
f = Fernet(key)
token = f.encrypt(b"Rajalakshmi Engineering College")
token
b'...'
f.decrypt(token)
b'Rajalakshmi Engineering College'
key = Fernet.generate_key()
cipher_suite = Fernet(key)
plain_text = b"Rajalakshmi Engineering College."
cipher_text = cipher_suite.encrypt(plain_text)
decrypted_text = cipher_suite.decrypt(cipher_text)
print("Original Data:", plain_text)
print("Encrypted Data:", cipher_text)
print("Decrypted Data:", decrypted_text)

Original Data: b'Rajalakshmi Engineering College.'
Encrypted Data: b'gAAAAABopEyTECFcRCYchLgnhly2fOmowYTjp-OEDbPTPZxp_jQkw7Pfk_6IVGkiG12NVHa0Rt5R_H6MfZ8912RmrZLV5vAO_egx-8VRkGxuyA
NnTeovlXKUjf4mznppFnV55txNTWn9E'
Decrypted Data: b'Rajalakshmi Engineering College.'
```

In []: