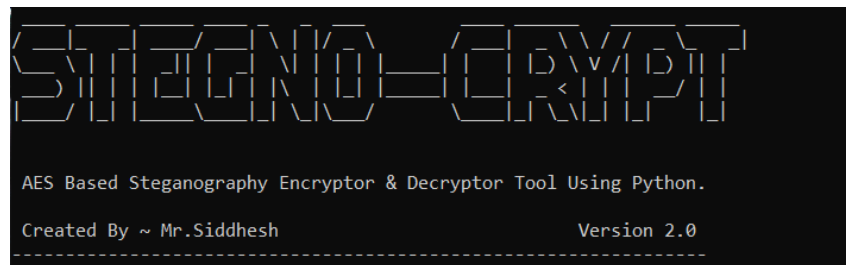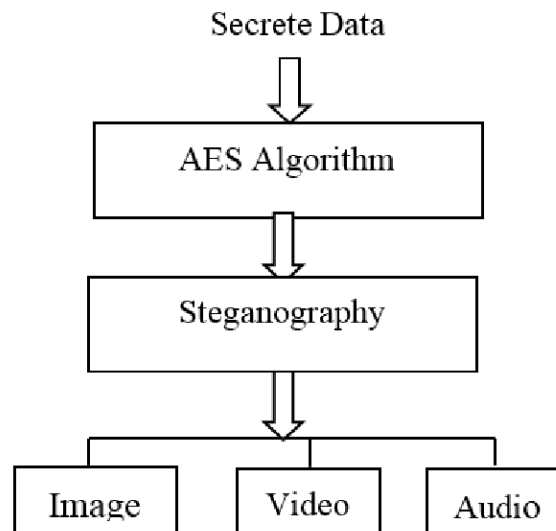# STEGNO - CRYPT

➢ AES BASED STEGANOGRAPHY TOOL IN PYTHON
➢ IMAGE ENCRYPTER & DECRYPTER TOOL

- **AES Algorithm –**

- **Modules Used –**

  - ✓ Python OpenCV-Python – Used for Python Image Processing
  - ✓ Python OS – Used for some Basic OS Operations.
  - ✓ Python Pyfiglet – Used to Add a Creative Look for Tool.
  - ✓ Python Numpy – Used to perform a wide variety of mathematical operations & arrays.
  - ✓ Python Pillow – Used to Manipulate Images with additional tools.

- **References –**

  - ✓ https://towardsdatascience.com/hiding-data-in-an-image-image-steganography-using-python-e491b68b1372

- **Some Snapshots –**

```
STEGNO-CRYPT

AES Based Steganography Encryptor & Decryptor Tool Using Python.

Created By ~ Mr.Siddhesh                        Version 2.0
-------------------------------------------------------------

 1. Encrypt Image
 2. Decrypt Image


Enter Your Choice: 2

Enter Image name (without extension): encrypted_image_
```

• Installation –

  ➢ Python v.3 or 2
  ➢ Pip or Pip3
  ➢ cd /../../Stegno-Crypt
  ➢ pip install -r modules.txt

• Run Tool –

  ➢ python Stegno-Crypt.py or python3 Stegno-Crypt.py
  ➢ Enter Password: "India"
  ➢ Select Choice: 1 or 2
  ➢ Give Image Path with Extension or Without Extension
  ➢ Give Text to Encrypt or Encrypted-Image Name to
    Decrypt
  ➢ Get Results.