Project title: Secure Text Summarisation using ECIES

**Members:**

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**Required Libraries**

asn1crypto==1.4.0

astunparse==1.6.3

attrs @ file:///tmp/build/80754af9/attrs\_1620827162558/work

backcall==0.2.0

beautifulsoup4==4.9.3

blis @ file:///C:/ci/cython-blis\_1613319550054/work

breadability==0.1.20

brotlipy==0.7.0

bs4==0.0.1

cached-property==1.5.2

catalogue==1.0.0

certifi==2020.6.20

cffi @ file:///C:/ci/cffi\_1613247269562/work

chardet @ file:///C:/ci/chardet\_1607706912142/work

click @ file:///tmp/build/80754af9/click\_1621604852318/work

coincurve==15.0.0

colorama==0.4.4

cryptography @ file:///C:/ci/cryptography\_1616769514516/work

cymem @ file:///C:/ci/cymem\_1613319479701/work

Cython==0.29.21

cytoolz==0.11.0

dataclasses==0.8

decorator==5.0.9

docopt==0.6.2

eciespy==0.3.10

en-core-web-sm @ https://github.com/explosion/spacy-models/releases/download/en\_core\_web\_sm-2.3.1/en\_core\_web\_sm-2.3.1.tar.gz

eth-hash==0.3.1

eth-keys==0.3.3

eth-typing==2.2.2

eth-utils==1.10.0

flatbuffers==1.12

gast==0.4.0

gensim==3.8.1

grpcio==1.34.1

h5py==3.1.0

idna @ file:///home/linux1/recipes/ci/idna\_1610986105248/work

importlib-metadata @ file:///C:/ci/importlib-metadata\_1617877476772/work

ipykernel==5.5.3

ipython==7.16.1

ipython-genutils==0.2.0

jedi==0.18.0

joblib @ file:///tmp/build/80754af9/joblib\_1613502643832/work

jsonschema==3.0.2

jupyter-client==6.1.12

jupyter-core==4.7.1

keras-nightly==2.5.0.dev2021032900

lxml==4.6.3

mkl-fft==1.3.0

mkl-random==1.1.1

mkl-service==2.3.0

murmurhash @ file:///C:/ci/murmurhash\_1607456164222/work

nest-asyncio==1.5.1

nltk @ file:///tmp/build/80754af9/nltk\_1621347441292/work

numpy @ file:///C:/ci/numpy\_and\_numpy\_base\_1603480701039/work

pandas @ file:///C:/ci/pandas\_1608056614942/work

parso==0.8.2

pickleshare==0.7.5

plac @ file:///C:/ci/plac\_1594260068208/work

preshed @ file:///C:/ci/preshed\_1621861011437/work

prompt-toolkit==3.0.3

pycountry==20.7.3

pycparser @ file:///tmp/build/80754af9/pycparser\_1594388511720/work

pycryptodome==3.10.1

Pygments==2.8.1

pyOpenSSL @ file:///tmp/build/80754af9/pyopenssl\_1608057966937/work

PyQt5==5.12

PyQt5-sip==4.19.19

PyQtWebEngine==5.12

pyrsistent @ file:///C:/ci/pyrsistent\_1600141799440/work

PySocks @ file:///C:/ci/pysocks\_1605305839978/work

python-dateutil==2.8.1

pytz @ file:///tmp/build/80754af9/pytz\_1612215392582/work

pywin32==300

pyzmq==22.0.3

regex @ file:///C:/ci/regex\_1617569913547/work

requests @ file:///tmp/build/80754af9/requests\_1608241421344/work

scipy==1.5.4

six==1.15.0

smart-open==5.1.0

soupsieve==2.2.1

spacy @ file:///C:/ci/spacy\_1608303000480/work

srsly @ file:///C:/ci/srsly\_1607548189686/work

sumy==0.8.1

tensorboard==2.5.0

tensorboard-data-server==0.6.1

tensorflow==2.5.0

tensorflow-estimator==2.5.0

thinc @ file:///C:/ci/thinc\_1607710275191/work

toolz==0.11.1

tornado==6.1

tqdm @ file:///tmp/build/80754af9/tqdm\_1615925068909/work

traitlets==4.3.3

typing-extensions @ file:///home/ktietz/src/ci\_mi/typing\_extensions\_1612808209620/work

urllib3 @ file:///tmp/build/80754af9/urllib3\_1615837158687/work

wasabi @ file:///tmp/build/80754af9/wasabi\_1612219178408/work

wcwidth==0.2.5

win-inet-pton @ file:///C:/ci/win\_inet\_pton\_1605306197271/work

wincertstore==0.2

zipp @ <file:///tmp/build/80754af9/zipp_1615904174917/work>

**How to Execute:**

# ECIES

ECIES for encryption/decryption along with a text summariser for plain text, files and urls

## Instructions o run this project

1. Use Anaconda prompt to create a virtual envirnoment with Python 3.6.

> conda create -n ECIES python=3.6

> conda activate ECIES

2. Download the necessary packages from the requirements.txt file.

> pip3 install -r requirements.txt

3. Launch any IDE in the env and run "Main.py".

> conda install spyder

> spyder