

Instructions to setup and use the demo

This demo is prepared using Python 3 version 3.9.15.

It uses some additional libraries apart from the base Python. To prepare the computer to run this demo, run the following command where the demo tool is unzipped.

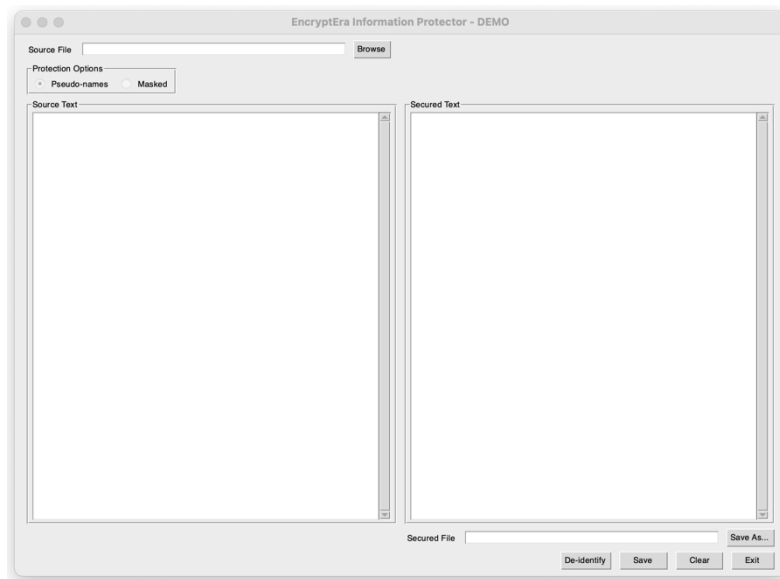
```
> pip install -r requirements.txt
```

The tool is now ready to use.

To run the demo, run the following command where the demo tool is unzipped.

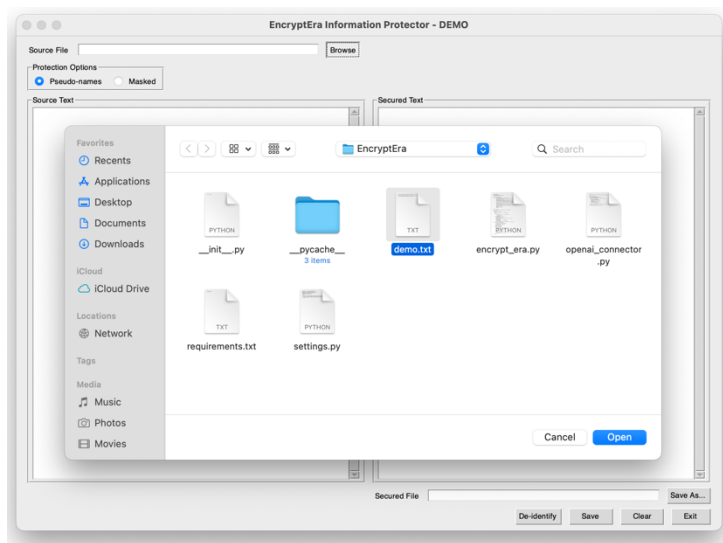
```
> python encrypt_era.py
```

The following screen will appear.

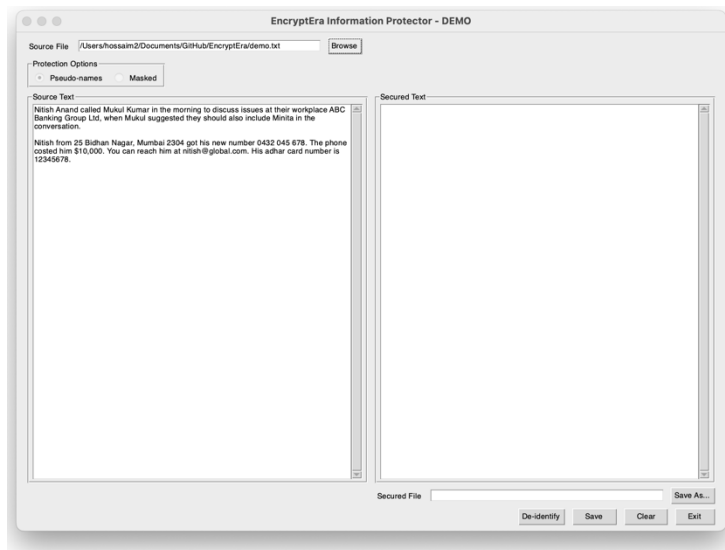


A demo text file has been provided with the tool, but any text file with PII data can be used for this demo.

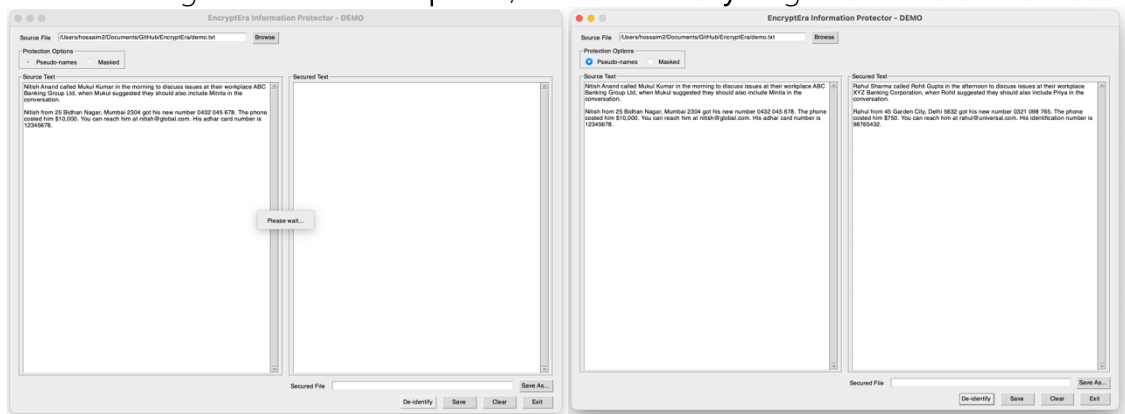
1. You can use the **Browse** button to navigate to the text file. Select the **demo.txt** file and click **Open**.



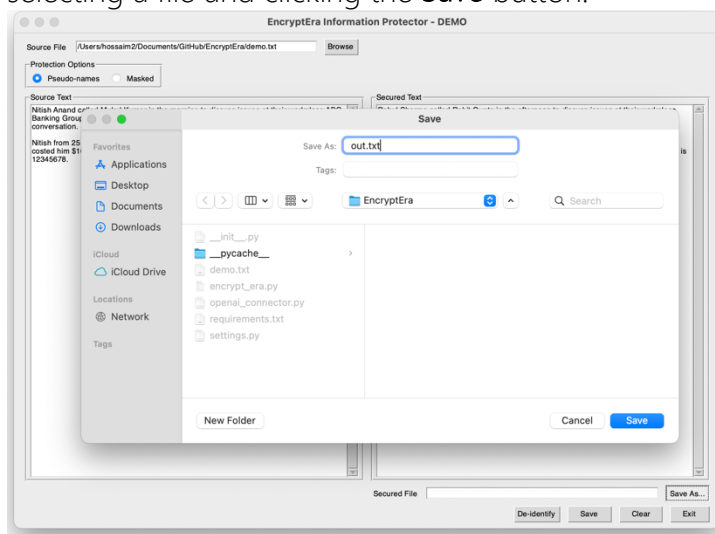
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2. The content of the file will be loaded into the **Source Text** panel.



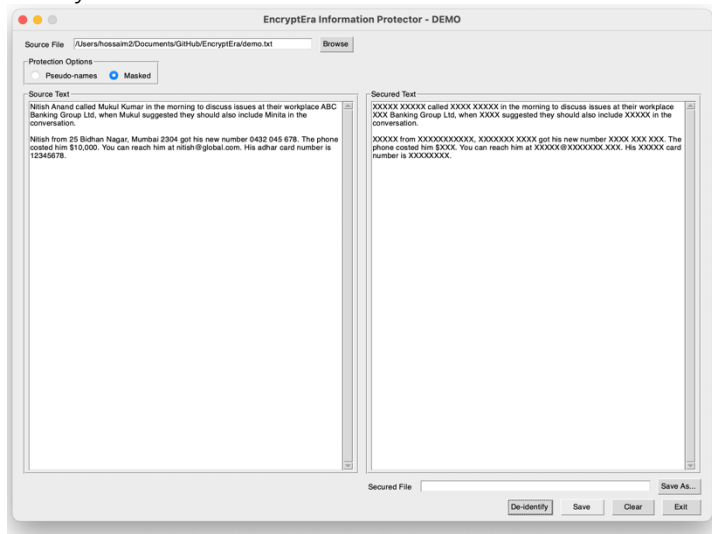
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3. This demo provides two different anonymisation techniques: **Pseudo-name** and **Masked**. Pseudo-name alters the actual customer data into random data, while Masked uses Xs to mask the data.
4. After selecting the **Protection Options**, click **De-identify** to generate the **Secured Text**.



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5. The secured text can be saved in a text file. The name and location can be either typed in the **Secured File** text box or can be selected using the **Save As...** button and selecting a file and clicking the **Save** button.



6. Finally, the **Save** button needs to be clicked to write the de-identified data to the file.



7. Two additional buttons are available, **Clear** to clean the source and secure file path and texts and the **Exit** to close the program.