Extractive_Text_Summarization

Extractive Text Summarization in Python

Documentation

Find the extensive documentation in the python notebook provided by the name extractive_summarizer.ipynb in the project.

Running the code

Libraries

Please make sure that you have the following libraries installed in your system-

```
numpy

matplotlib

networkx

nltk

sklearn

PyPDF2
```

If you have anaconda then you only need to worry about nltk and PyPDF2. Otherwise you may need to install other libraries. It is super easy to install them. Once you have installed every library mentioned above, you are ready to go.

Download the project and extract the zip into a folder of your choice

All the extracted files are to be saved in C:\Users\Your_user_Name\Anaconda\

Run the code

Run final_code.py

When asked for file input, please provide the name of any file already in the directory whose summary you want to create.

I have included 3 sample files: story1.txt, story2.txt, 3.pdf

If you want to have your summary, just enter the full path of that file. The summary will be appended in the file named 'sum.txt' in the same directory as this code.

For Jupyter Notebook

For jupyter notebook open anaconda command prompt in windows then type 'jupyter notebook' in it.

Jupyter Notebook will be open on your browser in local host

Go to Anaconda folder

And run extractive_summarizer.ipynb