Practical exam

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Subject :- NLP   Subject code :- CT703C-N

Aim :- Text Summarizer

→ In general there are two types of summarization, abstractive and extractive.

1.) Abstractive Summarization :-

Abstractive method's select words based on semantic understanding, even these words didn't appear in the document

2.) Extractive Summarization

Extractive Summarization methods attempts to summarize by selecting a subset of words that retain the most important points.

Some glimpse of code is as follows:

→ Importing required library
```
import nltk
import os
import re
import math
import operator
from nltk.stem import wordNet lemmatizer
from nltk.tokenize import sent-tokenize, word
tokenize

from nltk.corpus import stopwords.

stopwords = set (stopwords.words ('english)

word lemmatized = word Net lemmatized
```

↔ Finding most important Sentence and
priortizing summary.

```
for Sentence in tokenized. Sentence
    if cnt in Sentence_no:
        summary.append (sentence)

        cnt = cnt + 1
summary = " . " . Join (summary)
print ("\n")
print ("summary")
print (summary)
```

```
out F = open ('/content/drive/Mydrive/Colab
                Notebook//ummary)

out F. write (Sunamary)
```