```
import re

import nltk

from nltk.corpus import stopwords

from nltk.tokenize import sent_tokenize,word_tokenize

from heapq import nlargest

text="Naturallanguageprocessing(NLP)isasubfieldoflinguistics,computerscience,informationengineering,andartificialintelligenceconcernedwiththeinteractionsbetweencomputersandhumanlanguages,inparticularhowtoprogramcomputerstoprocessandanalyzelargeamountsofnaturallanguagedata.Challengesinnaturallanguageprocessingfrequentlyinvolvespeechrecognition,naturallanguageunderstanding,andnaturallanguagegeneration.Thehistoryofnaturallanguageprocessinggenerallystartedinthe1950s,althoughworkcanbefoundfromearlierperiods."


text=re.sub('[^a-zA-Z]',' ',text)

sentences=sent_tokenize(text)

Stop_words=set(stopwords.words('english'))

Words=[]

For sentence in sentences:

words.extend(word_tokenize(sentence))

words=[word.lower() for word in words if word.lower()notinstop_words]

word_freq=nltk.FreqDist(words)

Sentence_scores={}

for sentence in sentences:

for word in word_tokenize(sentence.lower()):

if word in word_freq:

if len(sentence.split(' '))<30:

if sentence not in sentence_scores:

sentence_scores[sentence]=word_freq[word]

else:

sentence_scores[sentence]+=word_freq[word]


summary_sentences=nlargest(3,sentence_scores,key=sentence_scores.get)

summary=' '.join(summary_sentences)

print(summary)
```