import nltk
nltk.doconload ()

note: Mutiline paragraph can be used by parting blow """ ___ """

* To download the tentences with use have to use the below function nltx. Sent_tokenize (Panagraph)

Returns a list

* To_downladd ine chentences into words

nltk. wod_tokonize (Sentences)

Returns a list.

Instead of tokenizing a paragraph based on space, we tokenize it based on "." and ", ". Theregoe, we get all the different lentences Consisting the paragraph

Str = "I LOVE DIVYA"

Words = str. split("")

Pount (words)

out: ["I", "LOVE", "NLP"]

For sentence tokenization fust suplace Str. split (" ") with str. split (".")

Stemming

-> when Entractions hertenas & corpus of hertenas

"John does his work inteligently"

"John is an intelligent man"

"John is always waking"

tokenize reiteria

Seit 1	Settlance 2	Senten 3
John	John	John
does	Ls	Ls
his	on 2 lla	always
Inteligenty	man	waking

-) We have Consider was and wasking as same

Stemming

"Stemming is a process of treducing injected & derived worlds to Their wordstern, bare & noot fain"

Intelligence
Intelligent Intelligen
Intelligently

going

goes 90

I not deplicating me words which gives same meaning.

Broken

Broduced Entermediate representation of the Word may not have any

& : intelligar, fina etc

Lemmatization

Same as stemming but Portenmediate supererentation/groot form has a meaning.

intelligence intelligent inteligently - Inathlipent

Lemmatization

* word supresentations have meaning in wood supresentation may not how any meaning Stemming

* Take more time than stemming * we when meaning of words

is important for analysis

Chatbot)

of taken len time

* we when meaning of words is Si : span detection, Text lessifieds not Amportant for analysis

Sentement consulting.

for more (Additional Great)

https://nlp. stango d.edu/12-book/html/htm/editon/stennin-and-lemmatizaton-1.htm

tow to implement stemming 777 TRdWI

Pasagraph = """

academy > academi Very - Nono

Sum, Oltk. Stem Papat Poten Semmen

Sentenan - netter sent to berige (Paragramph) Stemmen = Partenstermen() for ? in Trange (len (sentence));

word: [stemmen.stem(word) for word in word] Woods = nutr. wood-towning (Sentena Lis)

Sentence [:]. inin (woods)

Lemmatization Implementation

Import net K

from net. Stem Pompat Word Net Lemmatizer

Same code as begine)

Sucett

words = [lemmatizer. lemmatize (word) for words]