

Department of Computer Science and Engineering (Data Science)

Experiment No.6			
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Perform POS tagging on the given English and Indian

Language Text

Date of Performance:

Date of Submission:



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Aim: Perform POS tagging on the given English and Indian Language Text

**Objective:** To study POS Tagging and tag the part of speech for given input in english and an Indian Language.

### Theory:

The primary target of Part-of-Speech (POS) tagging is to identify the grammatical group of a given word. Whether it is a NOUN, PRONOUN, ADJECTIVE, VERB, ADVERBS, etc. based on the context. POS Tagging looks for relationships within the sentence and assigns a corresponding tag to the word.

**POS Tagging** (Parts of Speech Tagging) is a process to mark up the words in text format for a particular part of a speech based on its definition and context. It is responsible for text reading in a language and assigning some specific token (Parts of Speech) to each word. It is also called grammatical tagging.

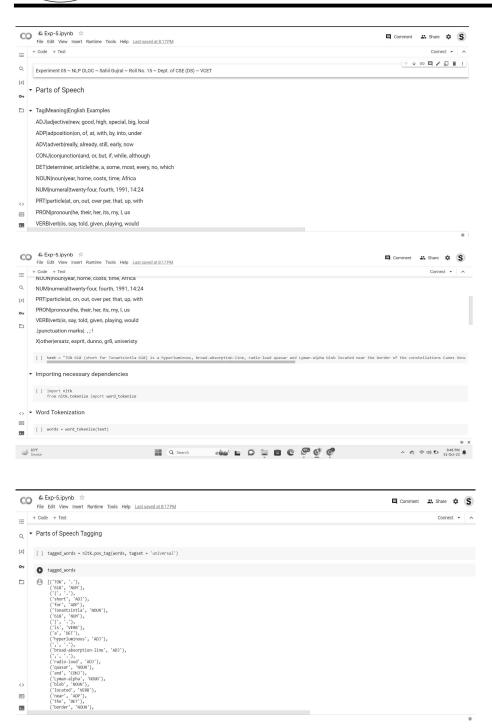
#### Steps Involved in the POS tagging example:

- Tokenize text (word tokenize)
- apply pos tag to above step that is nltk.pos tag(tokenize text)

#### **Implementation:**

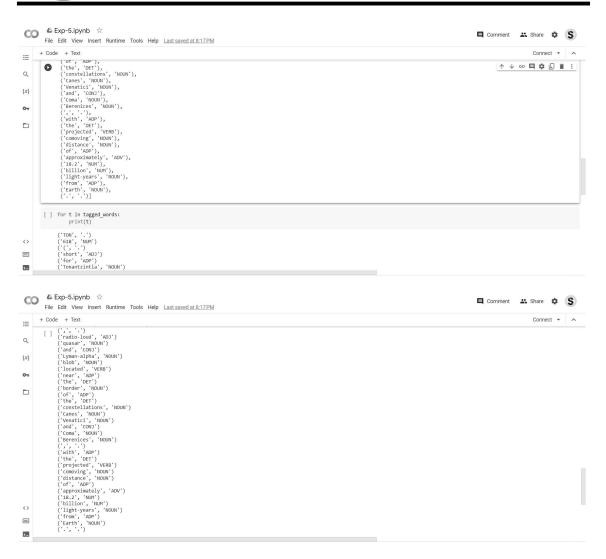


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#### **Conclusion:**