

Part of Speech Tagging

Part of Speech Tagging (POS) is the process of assigning a part of speech to a word. By doing so, you will learn the following:

- Markov Chains
- Hidden Markov Models
- Viterbi algorithm

Here is a concrete example:

Part of speech tags:

lexical term	tag	example
noun	NN	something, nothing
verb	VB	learn, study
determiner	DT	the, a
w-adverb	WRB	why, where
...	...	

Why not learn something ?

WRB **RB** **VB** **NN** .

You can use part of speech tagging for:

- Identifying named entities
- Speech recognition
- Coreference Resolution

You can use the probabilities of POS tags happening near one another to come up with the most reasonable output.