Parts-of-speech can be divided into two broad supercategories: closed classclosedclass types and open class types

Closed classes are those with relatively ﬁxed member-openclass ship

By contrast, nouns and verbs are open classes—new nouns and verbs like iPhone or to fax are continually being created or borrowed

Part-of-Speech Tagging

Part-of-speech tagging is the process of assigning a part-of-speech marker to eachpart-of-speech tagging word in an input text

Theinputtoataggingalgorithmisasequenceof(tokenized) words and a tagset, and the output is a sequence of tags, one per token

Tagging is adisambiguationtask; wordsareambiguous—have more than oneambiguous possible part-of-speech—and the goal is to ﬁnd the correct tag for the situation.