Spacy Module in python for NLP

# pip install -U spacy

# python -m spacy download en\_core\_web\_sm

import spacy

\_\_\_EXAMPLE\_\_\_

# Load English tokenizer, tagger, parser and NER

nlp = spacy.load("en\_core\_web\_sm")

# Process whole documents

text = ("When Sebastian Thrun started working on self-driving cars at "

"Google in 2007, few people outside of the company took him "

"seriously. “I can tell you very senior CEOs of major American "

"car companies would shake my hand and turn away because I wasn’t "

"worth talking to,” said Thrun, in an interview with Recode earlier "

"this week.")

doc = nlp(text)

# Analyze syntax

print("Noun phrases:", [chunk.text for chunk in doc.noun\_chunks])

print("Verbs:", [token.lemma\_ for token in doc if token.pos\_ == "VERB"])

# Find named entities, phrases and concepts

for entity in doc.ents:

print(entity.text, entity.label\_)