

The background of the slide is a dark gray to black gradient, overlaid with a complex, abstract network of white lines and dots. The dots, representing nodes, vary in size and are scattered across the frame. They are interconnected by thin, light gray lines, creating a web-like structure that suggests data connectivity or a neural network. The density of the network is higher in the upper right and lower right areas, while the left side is more sparse.

# Building a basic classification model

**Video 6:** Methods of Preprocessing - Part 4 ●

# Techniques in NLP

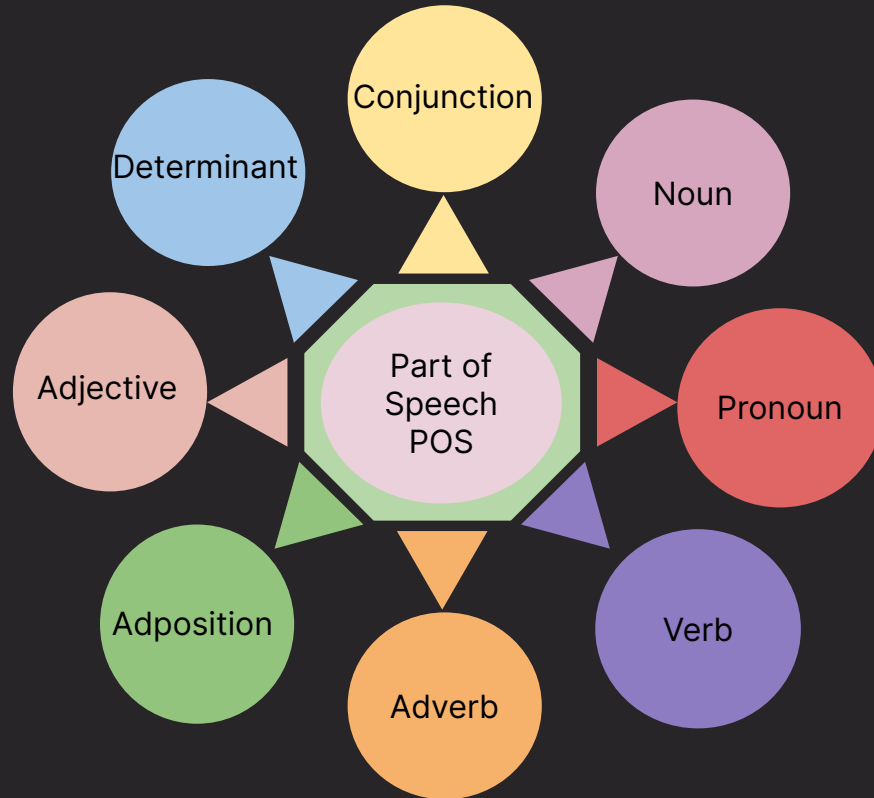


**Common Preprocessing Techniques**



**Advanced Techniques**

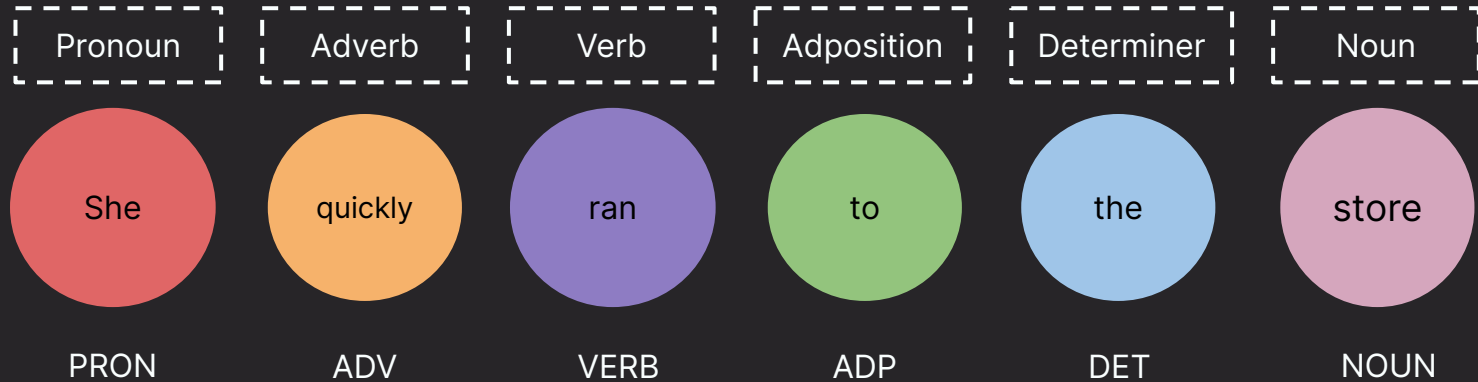
# Part of Speech Tagging



Identify the part of speech each word falls into like noun, verb, adjective etc.

# Part of Speech Tagging

She quickly ran to the store.



# Name Entity Recognition



Name

Place

Dates

# Part of Speech Tagging

In 2021, Elon Musk's company SpaceX launched a mission to Mars.

2021

Dates/Time

Elon Musk

People's Name

SpaceX

Organization Name

Mars

Location

# Jupyter Notebook