Muhammed Favas   142102007

Errors in the Named Entity Recognition examples:

Example-1

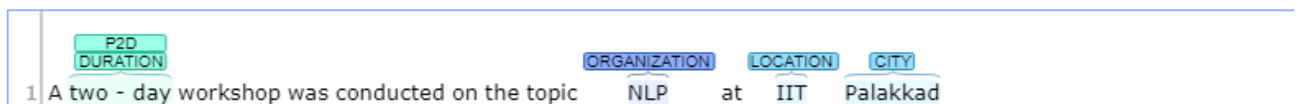A two-day workshop was conducted on the topic NLP at IIT Palakkad
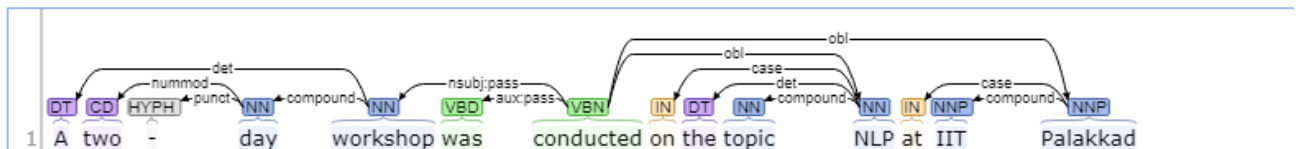
Duration   Organization   City
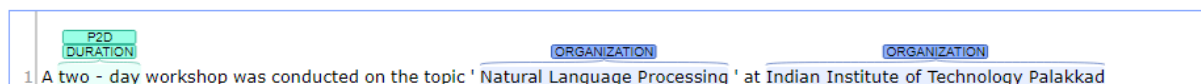
Detected:

- In named entity recognition NLP is identified as an organization even if it is a popular word.
- In named entity recognition IIT is an organization, but it identified as a location.

If we elaborate the abbreviation it will correctly detecting:

Example-2

Virat Kohli resigned the captaincy of **Royal Challengers Bangalore**

      Person   Organization

Detected:

- Actually Royal Challengers Bangalore is an organization but CoreNLP didn't catch it.
- Royal Challengers Bangalore is compound NNP but it's not catch in dependency parsing.

Example-3

Kylian Mbappe extended his contract until **2025** with **Paris Saint-Germain**

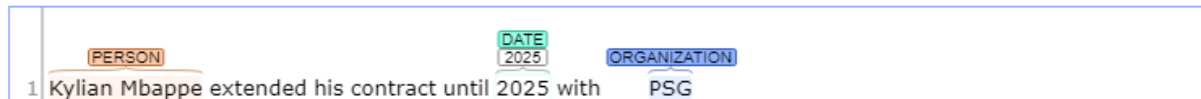   Person   Date   Organization

Detected:

- Paris Saint-Germain is an organization, but identified it as a person
- Interestingly, PSG is the abbreviation of Paris Saint-Germain identified as an organization because it's popular. It's shown in the screenshot below.

Named Entity Recognition:

PERSON   DATE   ORGANIZATION
          2025
1 Kylian Mbappe extended his contract until 2025 with   PSG

Basic Dependencies:

1 Kylian Mbappe extended his contract until 2025 with PSG
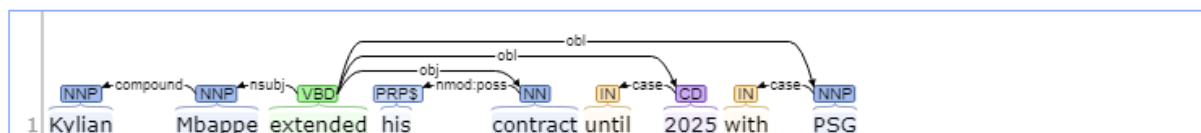
Example-4

Suzuki is an automobile company headquartered in Hamamatsu, Japan.
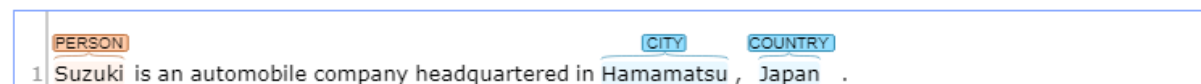
Organization   City   Country
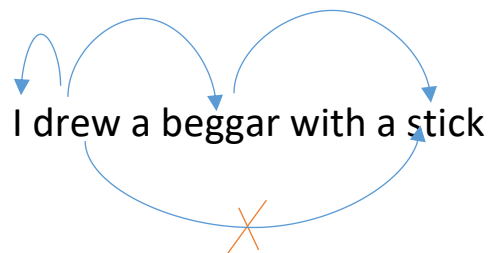
Detected:

Named Entity Recognition:

PERSON   CITY   COUNTRY
1 Suzuki is an automobile company headquartered in Hamamatsu , Japan .

Basic Dependencies:

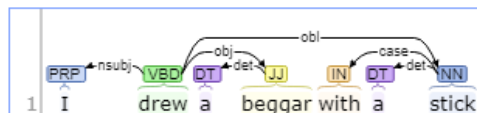1 Suzuki is an automobile company headquartered in Hamamatsu , Japan .
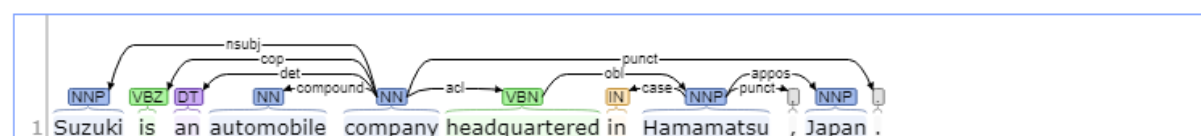
- Suzuki is an organization, but identified as person

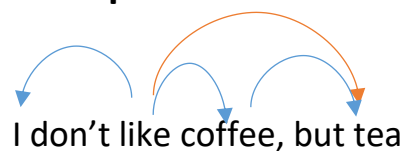## Errors in the Dependency Parsing examples:

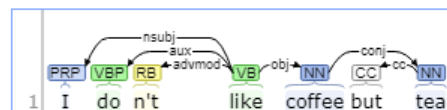## Example-5

Basic Dependencies:

- Actually the meaning by dependency parsing detected by CoreNLP is drew with stick. But actual meaning is beggar with stick. So beggar should depends stick.

Example-6

Basic Dependencies:

- It's not detecting the object dependency of like to the tea