Named Entity Recognition (NER)

Lecture: 70

Named Entity Recognition (NER)

- NER is the process of identifying and classifying named entities in text.

- Entities include:
- - People (e.g., Barack Obama)
- - Locations (e.g., Paris)
- - Organizations (e.g., Google)
- - Dates, Times, Money, etc.

NER Example

- Sentence:
- "Abdullahi Was born in Nigeria."
- NER Output:
- - Abdullahi → PERSON
- - Nigeria → LOCATION

Why Use NER?

- - Extract specific information from text
- - Improve search engine relevance
- - Power question answering systems
- - Enable intelligent chatbots

NER Tools & Libraries

- - spaCy
- - NLTK
- - Stanford NLP
- - HuggingFace Transformers

DEMO