Ner
Named entity recognition
Involves Identifying. And extracting Entities from text such as people and organization

Pos
Focus on identifying and analyzing different parts of words in the text such as verbs and adjectives

Sentiment analysis

Is used to understanding The expressed Sentiment

Depending parcing

Focus on Understanding syntactic relationships between words in the text

Coreference resolution

Involves determining references to entities in the text such as using he or she tk refer to a specific entity

Text classification

Focus on categorizing texts into specific classes base on their content

event extraction

Targets the extraction of information about events from text, enabling understanding of what happened, when and how