Title: Introduction to Natural Language Processing

Natural Language Processing (NLP) is a field of artificial intelligence that focuses on the interaction between computers and humans through natural language. The ultimate goal of NLP is to read, decipher, understand, and make sense of human languages in a valuable way.

Applications of NLP include:

- Machine translation

- Sentiment analysis

- Speech recognition

- Chatbots and conversational agents

NLP combines computational linguistics with machine learning, statistics, and deep learning models to understand language at different levels.