



## ACTIVITY #4

### 1. Multiple choice activity reading #2.

1. What is the primary focus of Natural Language Processing (NLP)?
  - a. Creating human-like robots
  - b. Developing algorithms for language understanding
  - c. Generating poetry
  - d. Enhancing computer gaming graphics
  
2. Which type of ambiguity involves sentences with multiple interpretations due to a lack of context?
  - a. Lexical Ambiguity
  - b. Syntactic Ambiguity
  - c. Semantic Ambiguity
  - d. Pragmatic Ambiguity
  
3. What is the purpose of Dependency Parsing in NLP, as mentioned in the text?
  - a. Generating contextual embeddings
  - b. Identifying homonyms
  - c. Understanding sentence structures
  - d. Dealing with metaphors



4. How did the experiments with ChatGPT evaluate its performance in dealing with linguistic ambiguity?
- a. ChatGPT excelled in syntactic ambiguity
  - b. The model showed systematicity issues
  - c. ChatGPT performed poorly in detecting ambiguity
  - d. The analysis revealed a lack of gender bias
5. What does the conclusion suggest about the future of NLP and linguistic ambiguity?
- a. NLP has fully addressed linguistic ambiguity
  - b. GPT-3 is the final breakthrough in NLP
  - c. More research is needed for handling a wide range of contexts
  - d. NLP technologies are becoming obsolete