**ACTIVITY #1**

1. **Multiple choice activity:**

Select the correct answer.

1. What is the primary focus of Natural Language Processing (NLP)?

 - a. Human-computer interaction.

 - b. Image recognition.

 - c. Data visualization.

 - d. Robotics.

2. Which subfield of NLP involves systems converting spoken language into written text or commands?

 - a. Machine Translation.

 - b. Text Analysis.

 - c. Speech Recognition.

 - d. Question Answering.

3. What is the aim of Machine Translation in NLP?

 - a. Analyzing sentiments.

 - b. Translating languages.

 - c. Extracting insights from text.

 - d. Answering questions in natural language.

4. What does Text Analysis in NLP encompass?

 - a. Fraud detection.

 - b. Extracting insights from written text.

 - c. Comprehending spoken language.

 - d. Understanding contextual meanings.

5. What task does Question Answering in NLP involve?

 - a. Converting text to speech.

 - b. Analyzing sentiments in text.

 - c. Comprehending and responding to questions in natural language.

 - d. Translating languages.

6. In the 1950s, what concept marked the early exploration of using computers for language processing?

 - a. Web scraping.

 - b. Machine Translation.

 - c. Artificial Intelligence (AI).

 - d. Social Media Analysis.

7. What technology fueled renewed interest in NLP in the 1990s?

 - a. Robotics.

 - b. Deep learning.

 - c. Virtual Reality.

 - d. World Wide Web.

8. Which phase in NLP's history saw the application of deep learning techniques?

 - a. 1950s-1960s.

 - b. 1970s-1980s.

 - c. 1990s.

 - d. 2000s.

9. What application area is NOT mentioned as an extensive use of NLP in industries?

 - a. Customer Service.

 - b. Agriculture.

 - c. Healthcare.

 - d. E-commerce.

10. What is a potential future development in NLP mentioned in the conclusion?

 - a. Reduced human-machine interactions.

 - b. Decreased reliance on deep learning.

 - c. Ethical concerns becoming less relevant.

 - d. Contextual understanding and multimodal NLP advancements.