**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.