**ACTIVITY #4**

1. **True/False Exercise:**

Indicate whether the following statements are true or false based on the reading.

* Natural Language Processing (NLP) study began in the 1980s (True/False).
* Voice recognition is a simple and straightforward step in the processing of voice assistants (True/False).
* Voice assistants like Siri and Alexa can handle complex tasks such as making dinner reservations (True/False).
* The drawbacks of natural language processing include issues related to listening in loud environments (True/False).
* Dialect/accent issues and language limitations are not challenges faced by voice assistants (True/False).
1. **Fill in the blank activity.**

Fill in the blanks with the appropriate words.

Natural Language Processing (NLP) began in the \_\_\_\_\_\_\_ as computers exhibited intelligent behavior.

Machine learning consists of providing machines with vast amounts of data to identify \_\_\_\_\_\_\_ and patterns.

Voice assistants bring advantages by increasing \_\_\_\_\_\_\_ and automating repetitive tasks.

The first step in processing voice assistants is \_\_\_\_\_\_\_ recognition, which is a complicated process due to variations in human language.

Drawbacks of natural language processing include issues related to listening in \_\_\_\_\_\_\_ environments.

Answers:

1. 1950s.

2. trends.

3. accessibility.

4. Voice.

5. loud.