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).

2. 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.