

Question: What does NLP stand for?

Options:

- a) Natural Language Processing
- b) Neural Learning Program
- c) Non-Linear Processing
- d) Network Language Programming

Answer: a

Question: Which of the following is NOT a component of NLP?

Options:

- a) Parsing
- b) Tokenization
- c) Data Link Layer
- d) Named Entity Recognition

Answer: c

Question: What is Tokenization in NLP?

Options:

- a) Breaking a sentence into words or phrases
- b) Assigning meaning to words
- c) Identifying named entities
- d) Converting text to speech

Answer: a

Question: Which of these techniques is used for POS tagging?

Options:

- a) Hidden Markov Models
- b) Decision Trees
- c) K-Means Clustering
- d) Principal Component Analysis

Answer: a

Question: What is Lemmatization?

Options:

- a) Converting words into their base or root form
- b) Removing stopwords
- c) Tokenizing a paragraph
- d) Assigning part of speech

Answer: a

Question: Which library is commonly used for NLP in Python?

Options:

- a) NumPy
- b) Pandas
- c) NLTK
- d) Matplotlib

Answer: c

Question: What is Named Entity Recognition (NER)?

Options:

- a) Identifying proper nouns in a text
- b) Breaking text into sentences
- c) Translating one language to another
- d) Analyzing the sentiment of a sentence

Answer: a

Question: Which of these is NOT a common application of NLP?

Options:

- a) Chatbots
- b) Speech Recognition
- c) Image Classification
- d) Machine Translation

Answer: c

Question: What does Word2Vec do in NLP?

Options:

- a) Converts words into numerical vectors
- b) Finds synonyms of words
- c) Identifies grammar mistakes
- d) Converts speech to text

Answer: a

Question: What is the primary goal of sentiment analysis?

Options:

- a) Identify the emotional tone of text
- b) Find grammatical errors
- c) Generate new text
- d) Translate text into multiple languages

Answer: a

Question: Which deep learning model is commonly used in NLP?

Options:

- a) CNN
- b) RNN
- c) SVM
- d) KNN

Answer: b

Question: What is the purpose of Stopword Removal in NLP?

Options:

- a) To remove commonly occurring words that add little meaning
- b) To identify important words
- c) To find spelling mistakes

d) To extract numbers from text

Answer: a

Question: What does TF-IDF stand for?

Options:

a) Term Frequency - Inverse Document Frequency

b) Text Frequency - Indexed Document Factor

c) Token Frequency - Importance Document Factor

d) Term Finding - Information Data Flow

Answer: a

Question: Which NLP model architecture powers ChatGPT?

Options:

a) LSTM

b) Transformer

c) RNN

d) Decision Tree

Answer: b

Question: What is a corpus in NLP?

Options:

a) A collection of text data used for training models

b) A type of neural network

c) A tokenized word

d) A synonym dictionary

Answer: a