

1) Which of the following is not an application of NLP?

a. Image labeling

2) Which of the following is not an NLP task?

d. Image segmentation

3) Which of the following is not a disadvantage of rule-based approaches for NLP?

d. None of the above

4) What are the two major types of NLP approaches?

Syntax and semantic analysis are two main techniques used with natural language processing.

Use TextBlob to translate a sentence in English into French, Mandarin, and Hindi? a. Import TextBlob b. Languages are coded as 'fr', 'zh-CN', 'hi' c. Translate the following sentence "Who knew translation could be fun" into French, Mandarin, and Hindi

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In [5]: from textblob import TextBlob

sentence = "Who knew translation could be fun"

blob = TextBlob(sentence)

translated_french = blob.translate(from_lang='en', to='fr')

translated_mandarin = blob.translate(from_lang='en', to='zh-CN')

translated_hindi = blob.translate(from_lang='en', to='hi')

print("English: " + str(blob))
print("French: " + str(translated_french))
print("Mandarin: " + str(translated_mandarin))
print("Hindi: " + str(translated_hindi))
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English: Who knew translation could be fun
French: Qui savait que la traduction pouvait être amusante
Mandarin: 谁知道翻译可能很有趣
Hindi: कौन जानता था कि अनुवाद मजेदार हो सकता है