

National Institute of Electronics and Information Technology, Calicut

Certified AI Professional

NLP

Assignment 9

(Total Marks 20)

(Submit py or ipynb file. All questions carry 5 marks each)

1. Read the contents of a text file. (Choose any file of your choice) .
 - i. Display the sentences in the paragraph.
 - ii. Display the words in the paragraph.
 - iii. Display the noun phrases in the paragraph.
 - iv. Attempt to correct the spellings of the words.
 - v. Translate the content into Spanish .
2. Perform the following :
 - i. Accept a singular noun and display the plural of the noun , accept a plural noun and display the singular noun.
 - ii. Accept a sentence and display the parts of speech.
3. Accept a sentence and check the sentiment of the sentence.
4. Create a file and add some contents to it. Write a program to create a summary of the file contents. Summary of important sentences based on position and frequency of occurrence of words