

AI Assignment 1

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Code to Count No. of Characters, Words and Sentence

1 Code Description

I uploaded three text files to Google Colab from my Google Drive and read them using a for loop. I implemented a character count logic that adds 1 for each character falling within the ranges of (a to z) or (A to Z). Additionally, I incremented the word count by 1 for spaces (" ") or hyphens ("-"). For sentence count, I added 1 for each occurrence of ".", "?", or "!".

2 Finding Readability index

Finally, I computed the readability index by applying a given formula to the PDF. If the result was less than 0, then it will be shown as 0.