1/24/25, 10:57 AM Untitled6



```
File Edit View Run Kernel Settings Help

→ Code →
```

```
•[4]:
      #LMS DAY-6(197)
      !pip install nltk spacy
      import spacy
      from nltk.corpus import stopwords
      import nltk
      import re
      nltk.download('stopwords')
      nlp = spacy.load("en_core_web_sm")
      def process_text(text):
          text = text.lower()
          text = re.sub(r'[^\w\s]', '', text)
          doc = nlp(text)
          stop_words = set(stopwords.words('english'))
          filtered_words = [token.text for token in doc if token.text not in stop words]
          return " ".join(filtered_words)
      text = "Write a Python program to using NLTK and Spacy. Convert text to lowercase.Remove
      processed_text = process_text(text)
      print(processed_text)
```

Requirement already satisfied: nltk in c:\users\haris\anaconda3\lib\site-packages (3.8.1 Requirement already satisfied: spacy in c:\users\haris\anaconda3\lib\site-packages (3.8. Requirement already satisfied: click in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: joblib in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: regex>=2021.8.3 in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: tqdm in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: cnacy locacy 2.1.0 \lambda = 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: cnacy locacy 2.1.0 \lambda = 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: cnacy locacy 2.1.0 \lambda = 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: cnacy locacy 2.1.0 \lambda = 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: cnacy locacy 2.1.0 \lambda = 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: cnacy locacy 2.1.0 \lambda = 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: cnacy locacy 2.1.0 \lambda = 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: cnacy locacy 2.1.0 \lambda = 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: cnacy locacy 2.1.0 \lambda = 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: cnacy locacy 2.1.0 \lambda = 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from Requirement already satisfied: cnacy locacy 2.1.0 \lambda = 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from 2.0.11 in c:\users\haris\anaconda3\lib\site-packages (from 2.0.11 in c:\use