

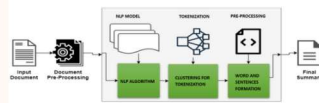


## AUTOMATIC TEXT SUMMERIZATION

BE SHORT/BE PRECISE

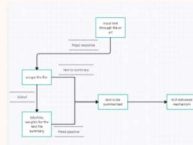
### SUSTAINABLE DEVELOPMENT GOALS:

SDG 4: Quality Education - Automatic text summarization can help make educational materials more accessible and digestible, enabling learners to grasp key concepts efficiently.



### PROJECT FEATURES

- Text Preprocessing: Implement a robust preprocessing pipeline to clean and normalize the input text.
- Extractive or Abstractive Summarization: Decide whether your system will focus on extractive summarization, which selects and combines existing sentences, or abstractive summarization.
- Sentence Scoring Algorithms: Implement various scoring algorithms to assess the importance or relevance of sentences. Consider using approaches like TF-IDF, TextRank, BERT-based models, or other machine learning techniques to assign scores to sentences based on their content, context, or similarity to other sentences.
- Summary Length Control: Allow users to specify the desired length of the summary.



SIR SYED UNIVERSITY OF ENGINEERING & TECHNOLOGY  
Main University Road, Karachi 75300, Pakistan  
Call: +92 21 3498-8000  
Website: [www.ssuet.edu.pk](http://www.ssuet.edu.pk)

