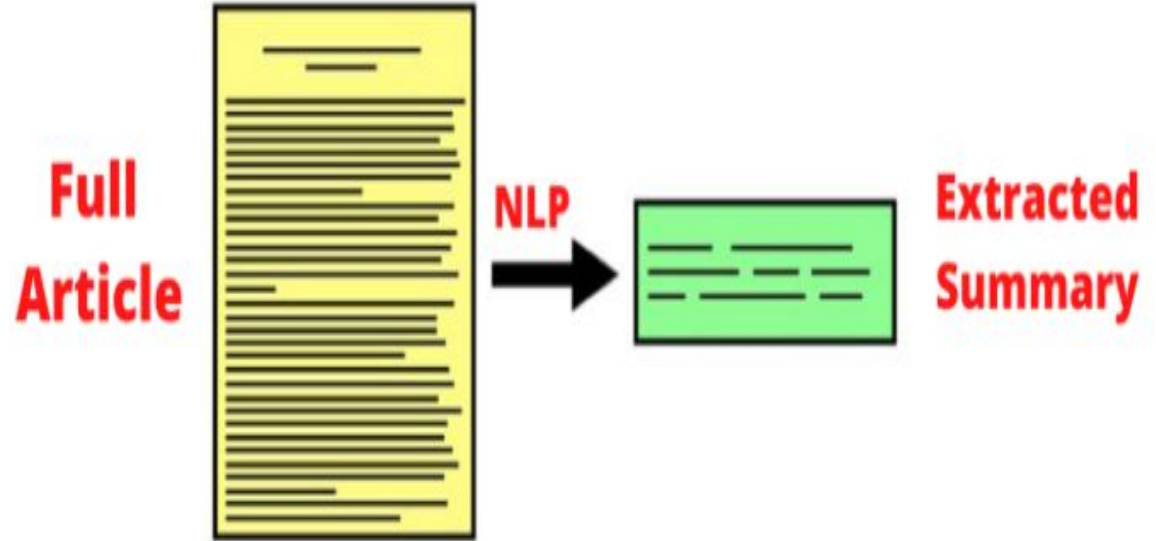


# Bangla Text Summarizer

**Submitted By:**  
**Md. Jubaer Hosain**  
**Exam Roll: 60910**

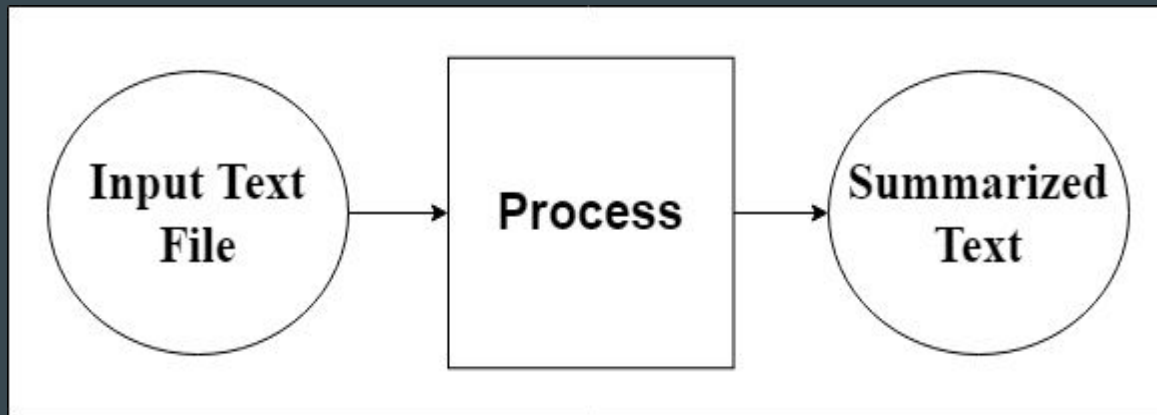
**Supervised By:**  
**Dr. Ahmedul Kabir**  
**Assistant Professor,**  
**IIT, DU**



*Convert Article to Summary*

# What is Bangla Text Summarizer?

Bangla Text Summarizer is a software tool that summarizes bangla text in order to find the essence of a document.



# Motivation

- Saving time.
- Reducing efforts.
- Unavailability of Bangla Language Processing.



# Applications

1. Article Summarizing.
2. News Summarizing.
3. Books and Literature.
4. Question Answering.
5. Email Overload.
6. Social Media Monitoring.
7. Social Media Marketing.

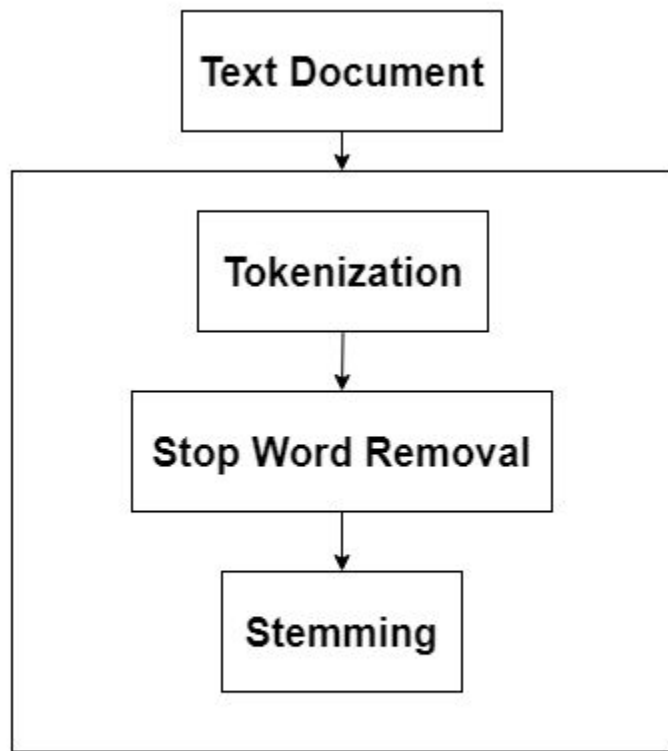


# Algorithms and Data Structures

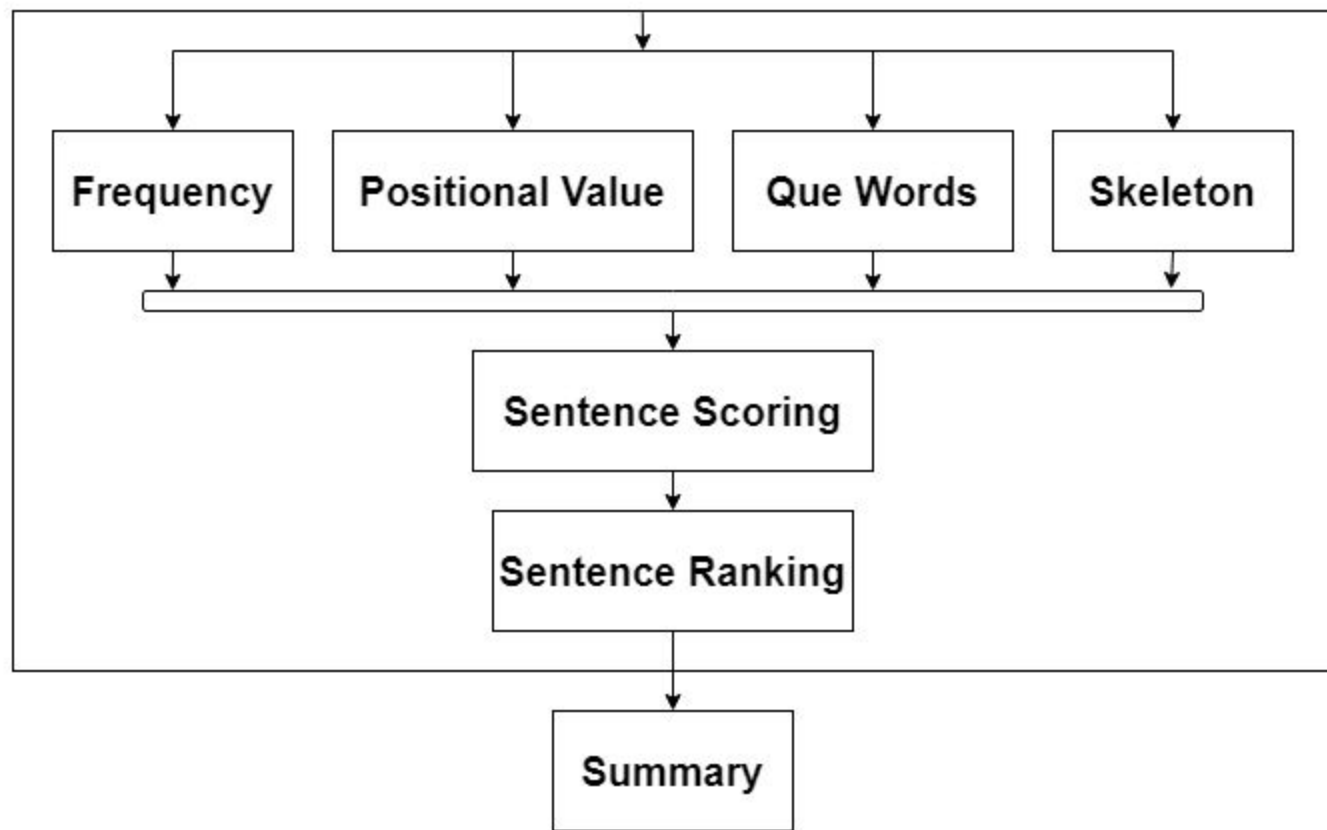
- Extractive Approach
- “Automated Bangla Text Summarization by Sentence Scoring and Ranking”  
proposed by Md. Iftekharul Alam Efat, Mohammad Ibrahim, Humayun  
Kayesh, published in 2013 International Conference on Informatics, Electronics  
and Vision (ICIEV)
- Prefix Tree (Trie)
- Merge Sort Algorithm

# Description of the Project

- Pre-processing
  - Tokenization
  - Stop words removal
  - Stemming
- Sentence Ranking
  - Frequency
  - Positional Value
  - Cue Words
  - Skeleton of the Document
  - Sentence Scoring
- Summary Making



**Step - 1**



**Step - 2**



# Code Demonstration

<https://github.com/JubaerHosain/Bangla-Text-Summarizer>

**Thank You**