**Text Summarization**

Text summarization refers to the technique of shortening long pieces of text. Automatic text summarization is a common problem in machine learning and natural language processing (NLP).

There are two main types of how to summarize text in NLP:

**Extraction-based summarization**

The extractive text summarization technique involves pulling key phrases from the source document and combining them to make a summary.

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Data Preprocessing steps

1. Tokenization
2. Lower casing
3. Stop words removal
4. Stemming
5. Lemmatization