# Dadi Institute of Engineering & Technology

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# Comparative Study on Text Pre-Processing Techniques

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ABSTRACT
We are living in an era of explosive growth of Internet digital data. Data warehouses deal withdigitaldata,not text data. Almost 80% of digital data is unstructured orsemi-structured data in text form. In the past two years, various knowledge extraction methods and these methodshave been developed. They arecurrently underdevelopment, and I will continue to point outhow to turn these unstructured data into useful information. This knowledge and information is used in many application areas, for example, In terms of social media, corporate governanceandcustomerservicemanagement System, market analysis, search engine, fraud detection, etc.When extracting knowledge from text sources, text mining methods will be implemented. The input text of suchmethodsmust be preprocessed and cleaned up. Variouspreprocessingmethods are developed for extracting text data. The preprocessing of text mining starts with tokenization,thenthe removal of stopwords, andfinally normalization. In this paper we mainly focus on tokenization and different truncating stemming algorithms with some examples and also highlighting their advantages and drawbacks.