Components and Framework of Natural Language Processing

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Abstract

Artificial Intelligence is the intelligence showcased by machines. It is the study of making machines equivalent to human brains. There are many applications of Artificial Intelligence, one of which is Natural Language Processing. Natural language processing deals with making human interactions with computers equivalent to human-to-human interactions, i.e. being able to interact with a computer the same way we interact with another person through natural human language. It has many components which make it successfully able to achieve this goal. This paper details the various components of Natural Language Processing and explains the framework of NLP using them.

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