Abstract

Textual entailment (TE) is a relation that holds between two pieces of text where one reading the first piece can conclude that the second is most likely true. This paper proposes new model based on deep learning approach to recognize textual entailment. The deep learning approach is based on syntactic structure [Holder- Relation - Target] [1] which contains all lexical, syntactic and semantic information about the input text. The proposed model constructs deep leaning neural networks, which aims at building deep and complex encoder to transform a sentence into encoded vectors. The experimental results demonstrate that proposed technique is effective to solve the problem of textual entailment recognition

References

Recognizing Textual Entailment based on Deep Learning Approach


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Index Terms

Computer Science    Artificial Intelligence

Keywords

Keywords are your own designated keywords which can be used for easy location of the manuscript using any search engines.