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## Improved neural machine translation using Natural Language Processing (NLP)

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Aims and scope

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## Abstract

Deep Learning algorithms have made great significant progress. Many model designs and methodologies have been tested to improve presentation in various fields of Natural Language Processing (NLP). NLP includes the domain of translation through the stateof-art process of machine interpretation. Deep learning refers to the use of neural networks with multiple layers to model complex patterns in data. In the context of NMT, deep learning models can capture the complex relationships between source and target languages, leading to more accurate and fluent translations. The encoder-decoder system is a framework for NMT that uses two neural networks, an encoder and a decoder, to translate input sequences to output sequences. The encoder network processes the input