



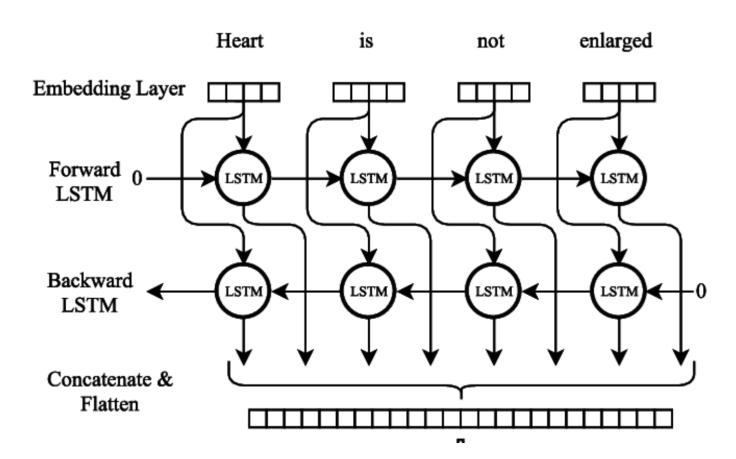


### **Bidirectional LSTM**

**☑** Edit

A **Bidirectional LSTM**, or **biLSTM**, is a sequence processing model that consists of two LSTMs: one taking the input in a forward direction, and the other in a backwards direction. BiLSTMs effectively increase the amount of information available to the network, improving the context available to the algorithm (e.g. knowing what words immediately follow *and* precede a word in a sentence).

Image Source: Modelling Radiological Language with Bidirectional Long Short-Term Memory Networks, Cornegruta et al

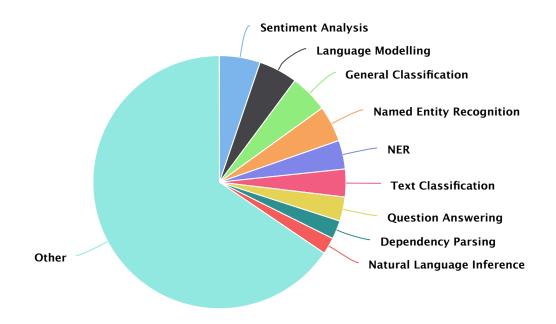


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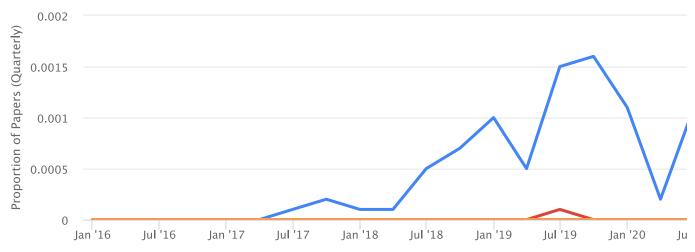
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Question Answering	26	3.08%
Dependency Parsing	20	2.37%
Natural Language Inference	18	2.13%

# Usage Over Time



riangle This feature is experimental; we are continuously improving our matching algorithm.

#### Components

Component	Туре	<b>☑</b> Edit
LSTM	Recurrent Neural Networks	

Categories



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