



# NLP Tasks: Text classification



- We've already covered this topic in Module 01. Let's take a look at the current SOTA.

Text is in red

Scientific analysis leads to

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`Text classification leaderboard`

`Sentiment analysis leaderboard`

# NLP Tasks: Named Entity Recognition (NER)

- Named entity recognition, or NER, is a task in which we try to predict entity tags for the words/tokens in a sentence. This is a critically important capability in modern NLP systems, for example chatbots, where the presence/absence of key pieces of information from a user will dictate what action the bot needs to take to achieve some goal.

- Example:

Apple **ORG** is looking at buying U.K. **GPE** startup for \$1 billion **MONEY**

Credit: Spacy website