

Apply Pre-Trained Models

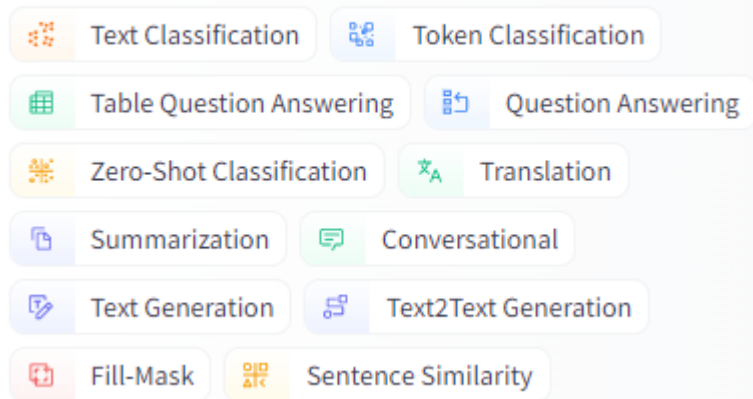
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Introduction

- often you don't want to train a word embedding / NLP model
- instead use a pre-trained model directly
- huggingface.co provides lots of models



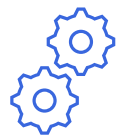
Natural Language Processing



Source: <https://huggingface.co/models>

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Coding examples - Sentiment



sentiment-analysis

```
data
✓ 0.0s

' I like them. I mean I like what`s left of them.'
↓

sentiment_pipeline(data)
✓ 0.0s

[{'label': 'POSITIVE', 'score': 0.9796609878540039}]
```



nlptown/
bert-base-multilingual-uncased-sentiment

```
'Das finde ich ganz ok.'
↓

[{'label': '3 stars', 'score': 0.534758448600769}]
```

Different models available for the same task.