

Apply Pre-Trained Models

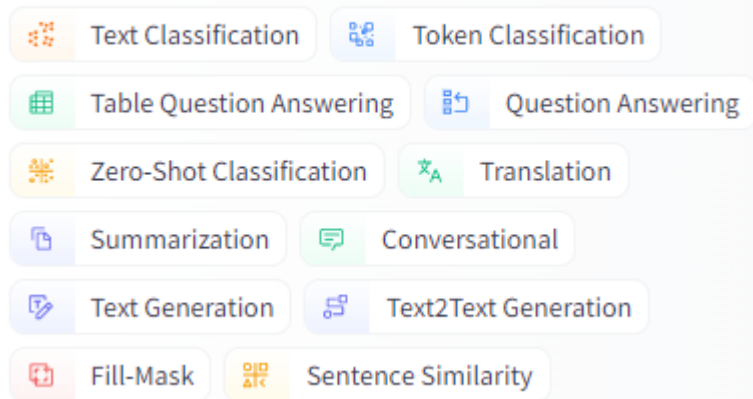
# Apply Pre-Trained Models

## Introduction

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



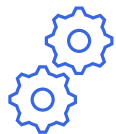
### Natural Language Processing



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

# Apply Pre-Trained Models

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.