

Advanced NLP Topic in Word Embedding, from Count-based to Prediction-based. 从词汇表示到语言模型

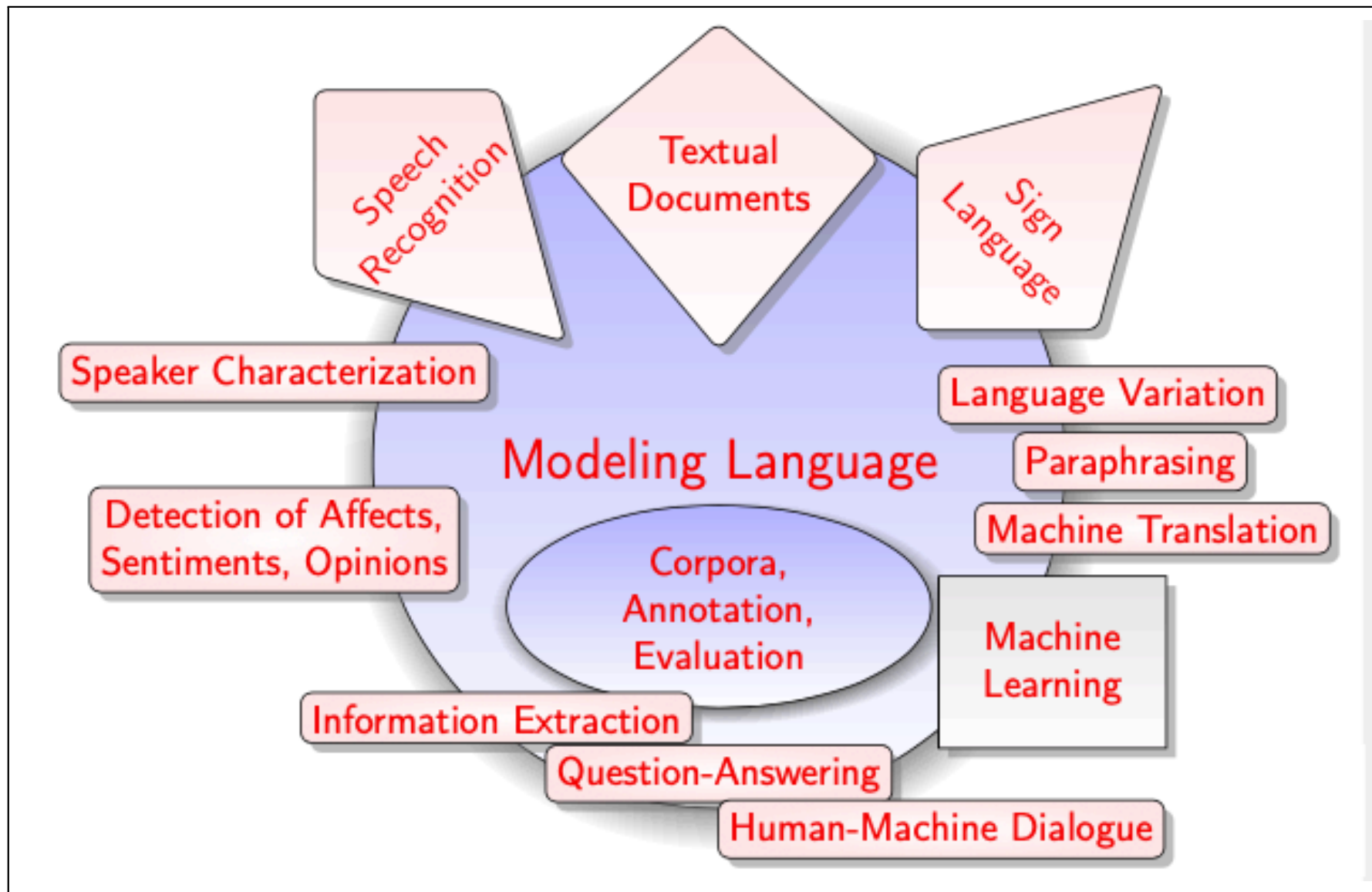
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Language Model or Modeling Language.



[Jingbo] 这个图想表达的意思是？

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Sentiment Analysis Today, Bert-based Coding I

sentiment analysis

英['sentɪmənt ə'næləsɪs]  

美['sentɪmənt ə'næləsɪs]  

网络 情感分析; 情绪分析; 文本情感分析; 感情分析; 意见倾向分析;

[例句] Application. This paper presents an application example of topic oriented **sentiment analysis**. 

话题**情感分析**应用研究: 介绍了一个将话题情感分析应用到春晚评价领域中的应用实例。

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"We are very happy to show you the Transformers library."

""

Sentiment Analysis Today, Bert-based Coding II

To implement sentiment analysis via Python package is no hard noday ^a ^b.
A coding example here:

```
from transformers import pipeline
```

```
from transformers import AutoTokenizer, AutoModelForSequenceClassification
```

```
model_name = "distilbert-base-uncased-finetuned-sst-2-english"
```

```
tokenizer = AutoTokenizer.from_pretrained(model_name)
```

```
model = AutoModelForSequenceClassification.from_pretrained(model_name)
```

```
classifier = pipeline('sentiment-analysis', model=model, tokenizer=tokenizer)
```

```
sent = 'We are very happy to show you the Transformers library.'
```

```
result = classifier(sent)[0]
```

label: POSITIVE, score: 0.9998

^a<https://github.com/bentrevett/pytorch-sentiment-analysis>

^b<http://jalamar.github.io/illustrated-transformer/>

Sentiment Analysis Today, Bert-based Coding III



— J. K. Rowling - 《Harry Potter 4 - The Goblet of Fire》 Ch 34 - The death eaters.

Sentiment Analysis Today, Bert-based Coding IV

There was a silence. Then the Death Eater to the right of Wormtail stepped forward, and Lucius Malfoy's voice spoke from under the mask.

"Master, we crave to know ... we beg you to tell us ... how you have achieved this . . . this miracle . . . how you managed to return to us. .. "

"Ah, what a story it is, Lucius," said Voldemort. "And it begins - and ends - with my young friend here."

He walked lazily over to stand next to Harry, so that the eyes of the whole circle were upon the two of them. The snake continued to circle.

"You know, of course, that they have called this boy my downfall?" Voldemort said softly, his red eyes upon Harry, whose scar began to burn so fiercely that he almost screamed in agony.

"You all know that on the night I lost my powers and my body, I tried to kill him. His mother died in the attempt to save him - and unwittingly provided him with a protection I admit I had not foreseen. ... I could not touch the boy."

Voldemort raised one of his long white fingers and put it very close to Harry's cheek.

"His mother left upon him the traces other sacrifice. . . . This is old magic, I should have remembered it, I was foolish to overlook it... but no matter. I can touch him now."

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Sentiment Analysis Today, Bert-based Coding V

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Sentiment Analysis Today, Bert-based Coding VI

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