Sentence Classification
Translation
Chatbot
Summarization
Other Ideas

MSiA490 SEC20/28 Text Analytics Project Ideas

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Overview

- Sentence Classification
- Translation
- Chatbot
- Summarization
- Other Ideas

Sentence Classification

Generic Sentence Classification

Input

A sentence

Output

The predicted category (e.g. sentiment/language/etc.)

Sentence Classification Stock Trend Prediction

Input

A sentence

Output

The predicted trend (e.g. up/down/unchanged)

Translation

Translation between Natural Languages

Input

A sentence in language A

Output

The sentence in language B

Translation

Translation between "Natural" Language and Code

Input

A description of the code in natual language

Output

The corresponding for code for the description

Chatbot Chitchat Bot

Input

A sentence

Output

The corresponding response

Summarization

Abstractive Summarization

Input

An article

Output

A non-verbatim summarization

Summarization

Extractive Summarization

Input

An article

Output

A summary with sentences selected from the input text

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Other Ideas

You can also find some interesting project ideas from this website.

http://nlpprogress.com/