transformers

# library link

<https://github.com/huggingface/transformers>

# basic description

Transformer is a model from Google's 2017 paper "Attention is all you need," and is implemented only with attention, while following the encoder-decoder, the existing structure of seq2seq. This model showed better performance than RNN in translation performance even though the encoder-decoder structure was designed without using RNN.

# version

* tensorflow == 2.6.0 (pip install tensorflow)
* tensorflow\_datasets == 4.0.1 (pip install tensorflow\_datasets)
* pandas >= 1.1.5 (pip install pandas)
* numpy >= 1.19.5 (pip install numpy)
* matplotlib == 3.22 (pip install matplotlib)
* colab

# dataset

* korean conversation data set.

# code description

* code for implementing a Korean chatbot after learning a Korean conversation dataset in Transformer.

# validation

* x