```
1 D:\anaconda3\python.exe C:/Users/zhangruixiong/OneDrive/桌面/情感分析/word_vector_deal.py
2 总共 49281 条微博数据.
3 (55689, 350)
4 开始训练...
5 2022-03-11 14:34:12.900117: I tensorflow/core/platform/cpu_feature_guard.cc:151]
  This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (oneDNN
  ) to use the following CPU instructions in performance-critical operations:   AVX
  AVX2
6 To enable them in other operations, rebuild TensorFlow with the appropriate compiler
  flags.
7 2022-03-11 14:34:13.233328: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1525
  ] Created device /job:localhost/replica:0/task:0/device:GPU:0 with 1675 MB memory
  :  -> device: 0, name: NVIDIA GeForce RTX 3050 Laptop GPU, pci bus id: 0000:01:00.0
  , compute capability: 8.6
8 Model: "sequential"
9
10 ---------------------------------------------------------------
   Layer (type)                 Output Shape              Param #
11 ===============================================================
12 embedding (Embedding)        (None, 350, 128)          3840000
13
14 lstm (LSTM)                  (None, 128)               131584
15
16 dropout (Dropout)            (None, 128)               0
17
18 dense (Dense)                (None, 512)               66048
19
20 dropout_1 (Dropout)          (None, 512)               0
```

```
21
22  dense_1 (Dense)                    (None, 2)                          1026
23
24  =================================================================
25  Total params: 4,038,658
26  Trainable params: 4,038,658
27  Non-trainable params: 0
28  _____
29  □□□□....
30  □□....
31  Epoch 1/10
32  2022-03-11 14:34:17.073245: I tensorflow/stream_executor/cuda/cuda_blas.cc:1786]
    TensorFloat-32 will be used for the matrix multiplication. This will only be logged
    once.
33  349/349 [==============================] - 273s 774ms/step - loss: 0.3453 - accuracy
    : 0.8457 - val_loss: 0.3031 - val_accuracy: 0.8508
34  Epoch 2/10
35  349/349 [==============================] - 269s 771ms/step - loss: 0.2770 - accuracy
    : 0.8564 - val_loss: 0.3235 - val_accuracy: 0.8467
36  Epoch 3/10
37  349/349 [==============================] - 270s 772ms/step - loss: 0.2575 - accuracy
    : 0.8577 - val_loss: 0.3770 - val_accuracy: 0.8458
38  Epoch 4/10
39  349/349 [==============================] - 271s 777ms/step - loss: 0.2426 - accuracy
    : 0.8600 - val_loss: 0.4024 - val_accuracy: 0.8119
40  □□....
41  109/109 [==============================] - 10s 88ms/step - loss: 0.4139 - accuracy:
```

```
41 0.8142
42 Test score: 0.4138919413089752
43 Test accuracy: 0.8141923546791077
44 □□□□□□
45
46 □□□□□,□□□□□
47
```