

```

1 "C:\Users\Indhujha Natarajan\PycharmProjects\untitled\
  venv2\Scripts\python.exe" "C:/Users/Indhujha Natarajan/
  PycharmProjects/untitled/venv/latest.py"
2 Using TensorFlow backend.
3 Training data:
4 (50000,)
5 (50000,)
6 Number of words:
7 C:\Users\Indhujha Natarajan\PycharmProjects\untitled\venv2
  \lib\site-packages\keras\datasets\imdb.py:49: UserWarning
  : The `nb_words` argument in `load_data` has been renamed
  `num_words`.
8 warnings.warn('The `nb_words` argument in `load_data` '
9 88585
10
11 Layer (type)                      Output Shape
12 Param #
13 =====
14 embedding_2 (Embedding)           (None, 500, 32)
15 160000
16
17 flatten_1 (Flatten)              (None, 16000)
18 0
19
20 dense_1 (Dense)                   (None, 250)
21 4000250
22
23 dense_2 (Dense)                   (None, 1)
24 251
25
26 =====
27 =====
28 Total params: 4,160,501
29 Trainable params: 4,160,501
30 Non-trainable params: 0
31
32 None
33 Train on 25000 samples, validate on 25000 samples
34 Epoch 1/2
35 2018-06-16 22:27:16.420844: I T:\src\github\tensorflow\

```

```
28 tensorflow\core\platform\cpu_feature_guard.cc:140] Your
   CPU supports instructions that this TensorFlow binary was
   not compiled to use: AVX2
```

```
29 - 28s - loss: 0.5081 - acc: 0.7119 - val_loss: 0.3348 -
   val_acc: 0.8525
```

```
30 Epoch 2/2
```

```
31 - 27s - loss: 0.1913 - acc: 0.9272 - val_loss: 0.3006 -
   val_acc: 0.8732
```

```
32 Accuracy: 87.32%
```

```
33
```

```
34 Layer (type)                Output Shape
   Param #
```

```
35 =====
   =====
```

```
36 embedding_3 (Embedding)      (None, 500, 32)
   160000
```

```
37
```

```
38 conv1d_1 (Conv1D)            (None, 500, 32)
   3104
```

```
39
```

```
40 conv1d_2 (Conv1D)            (None, 500, 64)
   4160
```

```
41
```

```
42 conv1d_3 (Conv1D)            (None, 500, 128)
   24704
```

```
43
```

```
44 max_pooling1d_1 (MaxPooling1 (None, 499, 128)      0
```

```
45
```

```
46 flatten_2 (Flatten)          (None, 63872)      0
```

```
47
```

```
48 dense_3 (Dense)              (None, 250)
   15968250
```

```
49
```

```
50 dense_4 (Dense)              (None, 1)           251
```

```
51 =====
52 =====
53 Total params: 16,160,469
54 Trainable params: 16,160,469
55 Non-trainable params: 0
56 -----
57 None
58 Train on 25000 samples, validate on 25000 samples
59 Epoch 1/2
60   - 190s - loss: 0.4809 - acc: 0.7248 - val_loss: 0.2852 -
61     val_acc: 0.8801
62 Epoch 2/2
63   - 189s - loss: 0.2251 - acc: 0.9117 - val_loss: 0.2658 -
64     val_acc: 0.8896
65 Accuracy: 88.96%
66 Process finished with exit code 0
```