

File - main (2)

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1 D:\anaconda3\envs\for_thesis_test\python.exe E:/projects/graduation/
  seq2seq_attention_decoder/main.py
2 D:\anaconda3\envs\for_thesis_test\lib\site-packages\torchtext\vocab\__init__.py:4:
  UserWarning:
3 /\ IMPORTANT WARNING ABOUT TORCHTEXT STATUS /\
4 Torchtext is deprecated and the last released version will be 0.18 (this one). You can
  silence this warning by calling the following at the beginnign of your scripts: `import
  torchtext; torchtext.disable_torchtext_deprecation_warning()`
5 warnings.warn(torchtext._TORCHTEXT_DEPRECATION_MSG)
6 D:\anaconda3\envs\for_thesis_test\lib\site-packages\torchtext\utils.py:4: UserWarning:
7 /\ IMPORTANT WARNING ABOUT TORCHTEXT STATUS /\
8 Torchtext is deprecated and the last released version will be 0.18 (this one). You can
  silence this warning by calling the following at the beginnign of your scripts: `import
  torchtext; torchtext.disable_torchtext_deprecation_warning()`
9 warnings.warn(torchtext._TORCHTEXT_DEPRECATION_MSG)
10 Map: 100%|██████████| 87710/87710 [00:05<00:00, 16216.45 examples/s]
11 Map: 100%|██████████| 70168/70168 [00:12<00:00, 5442.27 examples/s]
12 Map: 100%|██████████| 8771/8771 [00:01<00:00, 5377.68 examples/s]
13 Map: 100%|██████████| 8771/8771 [00:01<00:00, 4613.89 examples/s]
14 Map: 100%|██████████| 70168/70168 [00:10<00:00, 6472.14 examples/s]
15 Map: 100%|██████████| 8771/8771 [00:01<00:00, 6172.42 examples/s]
16 Map: 100%|██████████| 8771/8771 [00:01<00:00, 5523.30 examples/s]
17 Batch size? = 32
18 Training using: cuda
19 Seq2Seq(
20   (encoder): Encoder(
21     (embedding): Embedding(11849, 256)
22     (rnn): GRU(256, 512, bidirectional=True)
23     (fc): Linear(in_features=1024, out_features=512, bias=True)
24     (dropout): Dropout(p=0.5, inplace=False)
25   )
26   (decoder): Decoder(
27     (attention): Attention(
28       (attn_fc): Linear(in_features=1536, out_features=512, bias=True)
29       (v_fc): Linear(in_features=512, out_features=1, bias=False)
30     )
31     (embedding): Embedding(8967, 256)
32     (rnn): GRU(1280, 512)
33     (fc_out): Linear(in_features=1792, out_features=8967, bias=True)
34     (dropout): Dropout(p=0.5, inplace=False)
35   )
36 )
37 The model has 27,840,007 trainable parameters
38 10%|██████████| 1/10 [11:18<1:41:46, 678.47s/it] Train Loss: 2.023 | Train PPL: 7.
  558
39 Valid Loss: 0.743 | Valid PPL: 2.103
40 20%|██████████| 2/10 [22:26<1:29:40, 672.62s/it] Train Loss: 0.366 | Train PPL: 1.
  442
41 Valid Loss: 0.533 | Valid PPL: 1.705
42 30%|██████████| 3/10 [33:37<1:18:22, 671.84s/it] Train Loss: 0.212 | Train PPL: 1.
  237
43 Valid Loss: 0.472 | Valid PPL: 1.603
44 Train Loss: 0.162 | Train PPL: 1.176
45 Valid Loss: 0.472 | Valid PPL: 1.604
46 50%|██████████| 5/10 [56:08<56:10, 674.17s/it] Train Loss: 0.148 | Train PPL: 1.
  160
47 Valid Loss: 0.500 | Valid PPL: 1.649
48 60%|██████████| 6/10 [1:07:27<45:02, 675.68s/it] Train Loss: 0.127 | Train PPL: 1.
  136
49 Valid Loss: 0.447 | Valid PPL: 1.563
50 Train Loss: 0.127 | Train PPL: 1.136
51 Valid Loss: 0.461 | Valid PPL: 1.586
52 80%|██████████| 8/10 [1:30:09<22:37, 678.56s/it] Train Loss: 0.127 | Train PPL: 1.
  136
53 Valid Loss: 0.471 | Valid PPL: 1.602
54 Train Loss: 0.118 | Train PPL: 1.125
55 Valid Loss: 0.477 | Valid PPL: 1.611
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56 100%|██████████| 10/10 [1:52:45<00:00, 676.59s/it]
57     Train Loss:  0.122 | Train PPL:  1.130
58     Valid Loss:  0.522 | Valid PPL:  1.685
59 | Test Loss: 0.642 | Test PPL:  1.900 |
60 100%|██████████| 8771/8771 [04:12<00:00, 34.72it/s]
61 {'bleu': 0.9057503152090418, 'precisions': [0.9372667910447762, 0.9147575919019713, 0.
    8953312548713952, 0.876760504552669], 'brevity_penalty': 1.0, 'length_ratio': 1.
    0066909261650427, 'translation_length': 145792, 'reference_length': 144823}
62
63 Process finished with exit code 0
64
```