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ensemble_embedding Parameter sets: [200, 200, 0.0015, 0.5, 1, 0.5, 30, 100, 130, 200]
## Building an RNN model
Tensor("Unigram/Unigram/embedding_lookup:0", shape=(?, 50, 30), dtype=float32)
Tensor("Bigram/Bigram/embedding_lookup:0", shape=(?, 50, 100), dtype=float32)
Tensor("Trigram/Trigram/embedding_lookup:0", shape=(?, 50, 130), dtype=float32)
Tensor("Fourgram/Fourgram/embedding_lookup:0", shape=(?, 50, 200), dtype=float32)
/usr/local/lib/python3.6/dist-packages/tensorflow/python/ops/gradients_impl.py:91: UserWarning: Converting sparse IndexedSlices to a dense
"Converting sparse IndexedSlices to a dense Tensor of unknown shape."
model variables ['Unigram/RNN/multi_rnn_cell/cell_0/attention_cell_wrapper/weights:0', 'Unigram/RNN/multi_rnn_cell/cell_0/attention_cell_
## Training
Percent: [#####] 100.00% Finished. tr loss: 13.541, acc1: 0.267, acc5: 0.637
Training loss: 33.899, acc1: 0.196, acc5: 0.523, ep: 0

Validation loss: 2.655, acc1: 0.468, acc5: 0.813, ep: 0
Testing loss: 2.745, acc1: 0.456, acc5: 0.804

Model saved ensemble_embedding.model
Process time per epoch: 1320.291 seconds

Percent: [#####] 100.00% Finished. tr loss: 7.187, acc1: 0.279, acc5: 0.604
Training loss: 9.353, acc1: 0.277, acc5: 0.619, ep: 1

Validation loss: 1.819, acc1: 0.462, acc5: 0.787, ep: 1
Testing loss: 1.877, acc1: 0.450, acc5: 0.777

Model saved ensemble_embedding.model
Process time per epoch: 1314.119 seconds

Percent: [#####] 100.00% Finished. tr loss: 5.318, acc1: 0.229, acc5: 0.613
Training loss: 5.892, acc1: 0.282, acc5: 0.634, ep: 2

Validation loss: 1.993, acc1: 0.408, acc5: 0.726, ep: 2
Testing loss: 2.036, acc1: 0.387, acc5: 0.714

Model saved ensemble_embedding.model
Process time per epoch: 1316.218 seconds

Percent: [#####] 100.00% Finished. tr loss: 3.688, acc1: 0.329, acc5: 0.637
Training loss: 4.159, acc1: 0.308, acc5: 0.634, ep: 3

Validation loss: 2.077, acc1: 0.415, acc5: 0.718, ep: 3
Testing loss: 2.092, acc1: 0.393, acc5: 0.706

Model saved ensemble_embedding.model
Process time per epoch: 1320.659 seconds

Percent: [#####] 100.00% Finished. tr loss: 3.319, acc1: 0.317, acc5: 0.613
Training loss: 3.486, acc1: 0.321, acc5: 0.634, ep: 4

Validation loss: 2.044, acc1: 0.424, acc5: 0.766, ep: 4
Testing loss: 2.060, acc1: 0.434, acc5: 0.770

Model saved ensemble_embedding.model
Process time per epoch: 1313.855 seconds

Percent: [#####] 100.00% Finished. tr loss: 2.781, acc1: 0.325, acc5: 0.671
Training loss: 2.885, acc1: 0.339, acc5: 0.667, ep: 5

Validation loss: 1.992, acc1: 0.460, acc5: 0.780, ep: 5
Testing loss: 2.000, acc1: 0.452, acc5: 0.764

Model saved ensemble_embedding.model
Early stopping applied

Testing loss: 2.000, acc1: 0.452, acc5: 0.764

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TypeError                                Traceback (most recent call last)
<ipython-input-6-2abaab2b9908> in <module>()
    15
    16     rnn_model = RNN(params, [uni_init, bi_init, tri_init, four_init])
--> 17     top1, top5, ep = experiment(rnn_model, dataset, params) # With train_iterations; return max_top1, max_top5, max_top1_epoch
    18
    19     validation_writer.write(str(combination) + '\t')

/content/CS230/dataset_ad.py in experiment(model, dataset, params)
    274
    275     # model.save(checkpoint_dir, sess.run(model.global_step))
--> 276     model.reset_graph()
    277     return max_top1, max_top5, max_top1_epoch
    278

```

TypeError: reset_graph() takes 0 positional arguments but 1 was given

SEARCH STACK OVERFLOW