2023-10-26 04:42:53,286 - root - INFO - Model Architecture:

Model: "model"

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Layer (type) Output Shape Param #

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input\_1 (InputLayer) [(None, 40)] 0

embedding (Embedding) (None, 40, 200) 600000000

conv1d (Conv1D) (None, 36, 128) 128128

attention (Attention) ((None, 128), 2591

(None, 36, 1))

dense\_3 (Dense) (None, 64) 8256

dropout (Dropout) (None, 64) 0

dense\_4 (Dense) (None, 5) 325

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Total params: 600139300 (2.24 GB)

Trainable params: 139300 (544.14 KB)

Non-trainable params: 600000000 (2.24 GB)

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2023-10-26 04:41:41,475 - root - INFO - Testing hyperparameters: Embedding Size=200, Conv Depth=1, Conv Width=128, Kernel Size=5, Batch Size=64

2023-10-26 04:42:53,291 - root - INFO - Test Loss: 0.4508512616157532

2023-10-26 04:42:53,291 - root - INFO - Test Accuracy: 0.8500000238418579

2023-10-25 19:04:47,010 - root - INFO - Model Architecture:

Model: "sequential"

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Layer (type) Output Shape Param #

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embedding (Embedding) (None, 40, 150) 450000000

conv1d (Conv1D) (None, 36, 128) 96128

max\_pooling1d (MaxPooling1 (None, 18, 128) 0

D)

lstm (LSTM) (None, 18, 64) 49408

global\_average\_pooling1d ( (None, 64) 0

GlobalAveragePooling1D)

dense (Dense) (None, 128) 8320

dropout (Dropout) (None, 128) 0

batch\_normalization (Batch (None, 128) 512

Normalization)

dense\_1 (Dense) (None, 5) 645

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Total params: 450155013 (1.68 GB)

Trainable params: 154757 (604.52 KB)

Non-trainable params: 450000256 (1.68 GB)

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2023-10-25 19:05:36,978 - root - INFO - Testing hyperparameters: Embedding Size=150, Conv Width=128, LSTM Units=64, Dense Units=128, Batch Size=64

2023-10-25 19:05:36,979 - root - INFO - Test Loss: 0.6246057748794556

2023-10-25 19:05:36,979 - root - INFO - Test Accuracy: 0.8159999847412109

2023-10-25 06:14:20,709 - root - INFO - Model Architecture:

Model: "sequential\_2"

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Layer (type) Output Shape Param #

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embedding\_2 (Embedding) (None, 40, 150) 450000000

bidirectional\_4 (Bidirecti (None, 40, 256) 285696

onal)

bidirectional\_5 (Bidirecti (None, 64) 55680

onal)

dropout\_4 (Dropout) (None, 64) 0

dense\_4 (Dense) (None, 256) 16640

dropout\_5 (Dropout) (None, 256) 0

dense\_5 (Dense) (None, 5) 1285

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Total params: 450359301 (1.68 GB)

Trainable params: 359301 (1.37 MB)

Non-trainable params: 450000000 (1.68 GB)

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2023-10-25 06:10:56,106 - root - INFO - Testing hyperparameters: Embedding Size=150, LSTM Units=128, GRU Units=32, Batch Size=64

2023-10-25 06:14:20,712 - root - INFO - Test Loss: 0.4850429594516754

2023-10-25 06:14:20,712 - root - INFO - Test Accuracy: 0.8320000171661377