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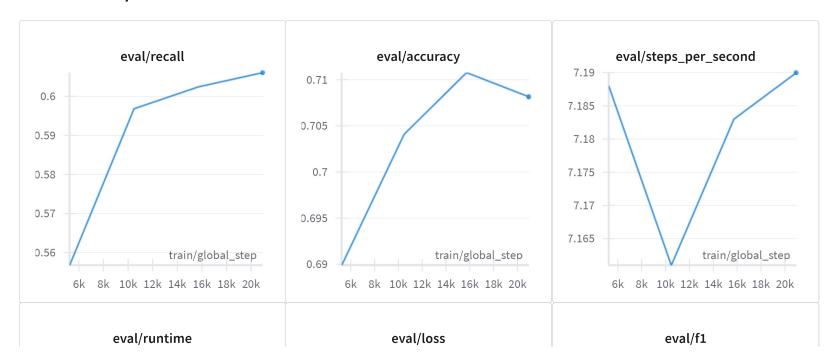
000

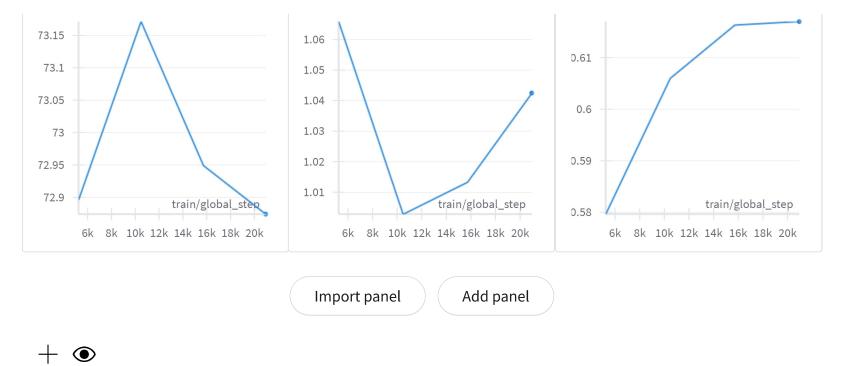
News Category Classification W&B Report

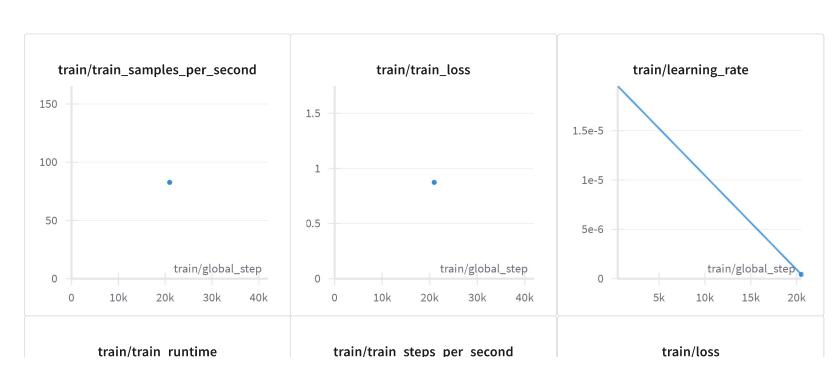
Best Epoch: 4th epoch with eval f1 score -> 61.7%

Abhijit Nayak

▼ Charts/Plots



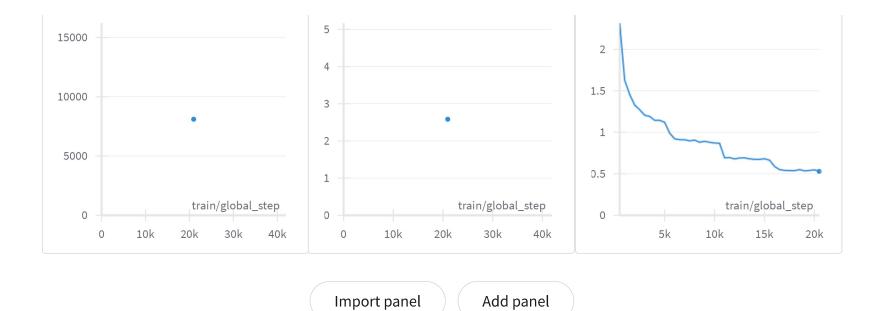




system/gpu.3.memoryAllocatedBytes

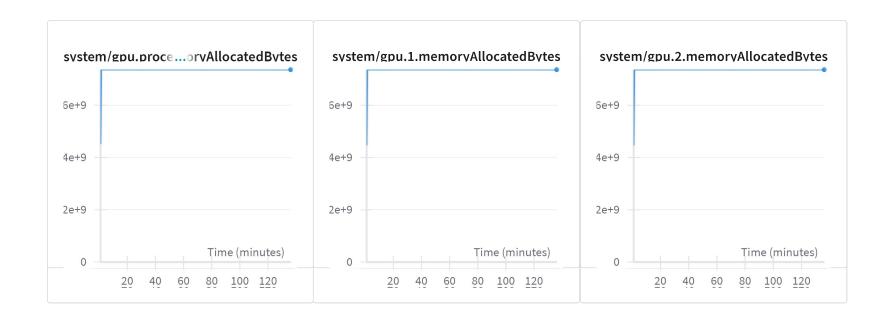
 \odot

system/gpu.proce...oryAllocatedBytes



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system/gpu.proce... or yAllocated Bytes



Import panel

Add panel



```
33 {'loss': 0.8699, 'learning_rate': 9.977090492554411e-06, 'epoch': 2.0}
```

```
34 {'loss': 0.695, 'learning_rate': 9.499809087437954e-06, 'epoch': 2.1}
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35 {'loss': 0.6973, 'learning_rate': 9.022527682321498e-06, 'epoch': 2.2}

36 {'loss': 0.6814, 'learning_rate': 8.54524627720504e-06, 'epoch': 2.29}

37 {'loss': 0.6921, 'learning_rate': 8.067964872088585e-06, 'epoch': 2.39}

38 {'loss': 0.6936, 'learning_rate': 7.590683466972128e-06, 'epoch': 2.48}

39 {'loss': 0.6826, 'learning_rate': 7.113402061855671e-06, 'epoch': 2.58}

40 {'loss': 0.6757, 'learning_rate': 6.636120656739214e-06, 'epoch': 2.67}

41 {'loss': 0.6755, 'learning_rate': 6.158839251622757e-06, 'epoch': 2.77}

42 {'loss': 0.683, 'learning_rate': 5.6815578465063e-06, 'epoch': 2.86}

43 {'loss': 0.6659, 'learning_rate': 5.204276441389844e-06, 'epoch': 2.96}

44

2.79it/s]/N/u/nayakab/Carbonate/.local/lib/python3.10/site-packages/torch/nn/parallel /_functions.py:68: UserWarning: Was asked to gather along dimension 0, but all input tensors were scalars; will instead unsqueeze and return a vector.

```
45 {'eval_loss': 1.0133146047592163, 'eval_accuracy': 0.710774370600167, 'eval_precision':
0.6399833589653896, 'eval_recall': 0.6024201920999628, 'eval_f1': 0.616329152105922, 'eval_runtime':
72.9492, 'eval_samples_per_second': 229.776, 'eval_steps_per_second': 7.183, 'epoch': 3.0}
46 warnings.warn('Was asked to gather along dimension 0, but all'
47
100%
        20952/20952 [2:13:31<00:00, 2.79it/s]
48 {'loss': 0.5902, 'learning_rate': 4.7269950362733875e-06, 'epoch': 3.05}
49 {'loss': 0.5525, 'learning_rate': 4.24971363115693e-06, 'epoch': 3.15}
50 {'loss': 0.5427, 'learning_rate': 3.772432226040474e-06, 'epoch': 3.25}
51 {'loss': 0.5413, 'learning_rate': 3.295150820924017e-06, 'epoch': 3.34}
52 {'loss': 0.5391, 'learning_rate': 2.8178694158075602e-06, 'epoch': 3.44}
53 {'loss': 0.5534, 'learning_rate': 2.3405880106911035e-06, 'epoch': 3.53}
54 {'loss': 0.5368, 'learning_rate': 1.863306605574647e-06, 'epoch': 3.63}
55 {'loss': 0.5422, 'learning_rate': 1.3860252004581903e-06, 'epoch': 3.72}
56 {'loss': 0.5497, 'learning_rate': 9.087437953417336e-07, 'epoch': 3.82}
57 {'loss': 0.5295, 'learning_rate': 4.314623902252769e-07, 'epoch': 3.91}
58
100%
```

| 524/524 [01:12<00:00, 7.19it/s]

59 {'eval_loss': 1.042483925819397, 'eval_accuracy': 0.7081493855148551, 'eval_precision': 0.6333637091804786, 'eval_recall': 0.6060569205009649, 'eval_f1': 0.6170160585460147, 'eval_runtime': 72.8741, 'eval_samples_per_second': 230.013, 'eval_steps_per_second': 7.19, 'epoch': 4.0}

60 {'train_runtime': 8107.2065, 'train_samples_per_second': 82.697, 'train_steps_per_second': 2.584, 'train_loss': 0.8729533537420074, 'epoch': 4.0}

61 /N/u/nayakab/Carbonate/.local/lib/python3.10/site-packages/torch/nn/parallel/_functions.py:68: UserWarning: Was asked to gather along dimension 0, but all input tensors were scalars; will instead unsqueeze and return a vector.

62 warnings.warn('Was asked to gather along dimension 0, but all'

63 2%

[00:01<01:08, 7.48it/s]

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