

Lab 2C Convolutional Neural Network for Classification

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Task 2:

Train Epoch: 1 Loss: 1.101

Test Epoch: 1 Accuracy: 477 / 1241 38%

Train Epoch: 2 Loss: 1.074

Test Epoch: 2 Accuracy: 506 / 1241 41%

Train Epoch: 3 Loss: 1.073

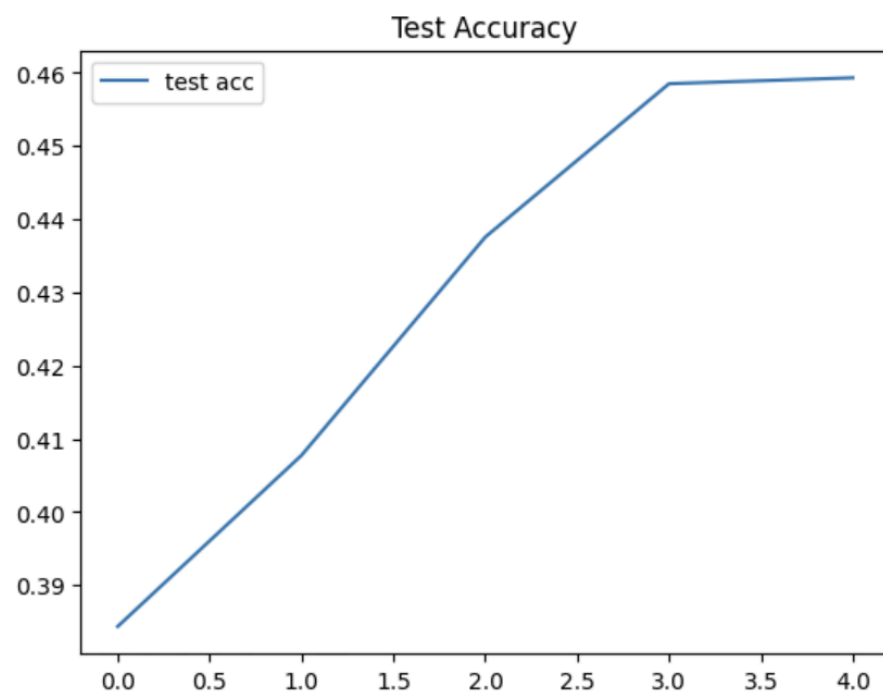
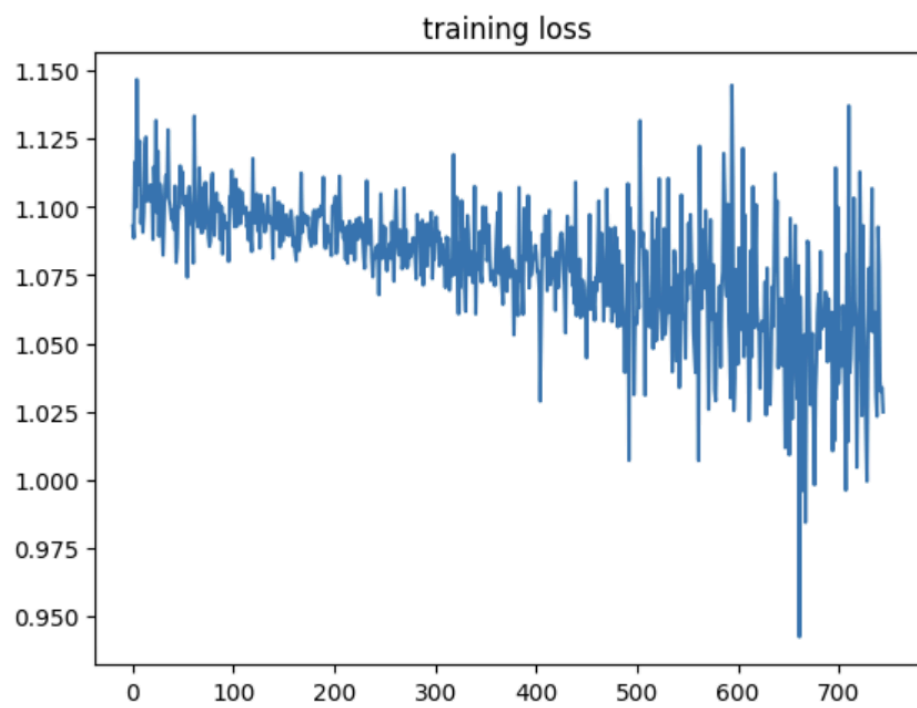
Test Epoch: 3 Accuracy: 543 / 1241 44%

Train Epoch: 4 Loss: 1.110

Test Epoch: 4 Accuracy: 569 / 1241 46%

Train Epoch: 5 Loss: 1.025

Test Epoch: 5 Accuracy: 570 / 1241 46%



Task 4:

Train Epoch: 1	Loss: 1.072643756866455
Test Epoch: 1	Accuracy: 498 / 1241 40%
Train Epoch: 2	Loss: 1.055171251296997
Test Epoch: 2	Accuracy: 585 / 1241 47%
Train Epoch: 3	Loss: 1.0666686296463013
Test Epoch: 3	Accuracy: 716 / 1241 58%
Train Epoch: 4	Loss: 0.8138179183006287
Test Epoch: 4	Accuracy: 898 / 1241 72%
Train Epoch: 5	Loss: 0.7336217164993286
Test Epoch: 5	Accuracy: 876 / 1241 71%
Train Epoch: 6	Loss: 0.5958120226860046
Test Epoch: 6	Accuracy: 931 / 1241 75%
Train Epoch: 7	Loss: 0.5333356261253357
Test Epoch: 7	Accuracy: 939 / 1241 76%
Train Epoch: 8	Loss: 0.43820062279701233
Test Epoch: 8	Accuracy: 926 / 1241 75%
Train Epoch: 9	Loss: 0.5264543294906616
Test Epoch: 9	Accuracy: 934 / 1241 75%
Train Epoch: 10	Loss: 0.3849666118621826
Test Epoch: 10	Accuracy: 990 / 1241 80%
Train Epoch: 11	Loss: 0.643796980381012
Test Epoch: 11	Accuracy: 891 / 1241 72%
Train Epoch: 12	Loss: 0.6690089702606201
Test Epoch: 12	Accuracy: 999 / 1241 80%
Train Epoch: 13	Loss: 0.36119815707206726
Test Epoch: 13	Accuracy: 982 / 1241 79%
Train Epoch: 14	Loss: 0.4952712655067444
Test Epoch: 14	Accuracy: 926 / 1241 75%
Train Epoch: 15	Loss: 0.7320830821990967
Test Epoch: 15	Accuracy: 889 / 1241 72%

Train Epoch: 16 Loss: 0.7676764726638794
Test Epoch: 16 Accuracy: 796 / 1241 64%

Train Epoch: 17 Loss: 0.4848591983318329
Test Epoch: 17 Accuracy: 983 / 1241 79%

Train Epoch: 18 Loss: 0.27279022336006165
Test Epoch: 18 Accuracy: 1018 / 1241 82%

Train Epoch: 19 Loss: 0.728901743888855
Test Epoch: 19 Accuracy: 978 / 1241 79%

Train Epoch: 20 Loss: 0.4247438311576843
Test Epoch: 20 Accuracy: 944 / 1241 76%

