Hidden size tests

[0.2, 75, 75, 75, 5, 3, 3, 0.0001, 128, 'categorical\_crossentropy']

Test accuracy: 0.8549900054931641 Test loss: 0.40168121457099915

[0.2, 90, 90, 90, 5, 3, 3, 0.0001, 128, 'categorical\_crossentropy']

Test accuracy: 0.8599159121513367 Test loss: 0.3857955038547516

[0.2, 100, 100, 100, 5, 3, 3, 0.0001, 128, 'categorical\_crossentropy']

Test accuracy: 0.8603457808494568 Test loss: 0.38138553500175476

Kernel size tests

[0.2, 100, 100, 100, 3, 3, 3, 0.0001, 128, 'categorical\_crossentropy']

Test accuracy: 0.8470208048820496 Test loss: 0.4289005398750305

[0.2, 100, 100, 100, 5, 3, 3, 0.0001, 128, 'categorical\_crossentropy']

Test accuracy: 0.8598299622535706 Test loss: 0.3850371241569519

[0.2, 100, 100, 100, 5, 5, 3, 0.0001, 128, 'categorical\_crossentropy']

Test accuracy: 0.8663462996482849 Test loss: 0.35970333218574524

Learning rate test

[0.2, 100, 100, 100, 5, 5, 3, 0.001, 128, 'categorical\_crossentropy']

Test accuracy: 0.8671028017997742 Test loss: 0.36468592286109924

[0.2, 100, 100, 100, 5, 5, 3, 0.0001, 128, 'categorical\_crossentropy']

Test accuracy: 0.8678851127624512 Test loss: 0.3537631928920746

Increase hidden size

[0.2, 256, 128, 100, 5, 5, 3, 0.0001, 128, 'categorical\_crossentropy']

Test accuracy: 0.8673177361488342 Test loss: 0.365632027387619