

Network 1:

- Structure: [784, 50, 30, 10]
- Learning rate: 0.001

Samples: 60.000

Time taken for training: 01:06:05

Accuracy: **33.21%**

Average Loss: 0.83

Samples: 100.000

Time taken for training: 02:03:25

Accuracy: **45.65%**

Average Loss: 0.74

Samples: 200.000

Time taken for training: 4:29:16

Accuracy: **62.40%**

Average Loss: 0.56

Samples: 400.000

Time taken for training: 9:14:52

Accuracy: **76.50%**

Average Loss: 0.39

Samples: 600.000

Time taken for training: 14:02:33

Accuracy: **80.92%**

Average Loss: 0.31

Samples: 840.000

Time taken for training: 19:46:08

Accuracy: **83.78%**

Average Loss: 0.26

Network 2:

- Structure: [784, 85, 10]
- Learning rate: 0.001

Samples: 60.000

Time taken for training: 01:59:19

Accuracy: **38.62%**

Average Loss: 0.80

Samples: 100.000

Time taken for training: 03:46:05

Accuracy: **51.05%**

Average Loss: 0.65

Samples: 200.000

Time taken for training: 08:05:32

Accuracy: **61.35%**

Average Loss: 0.52

Samples: 400.000

Time taken for training: 15:59:45

Accuracy: **72.92%**

Average Loss: 0.40

Samples: 600.000

Time taken for training: 23:53:15

Accuracy: **84.35%**

Average Loss: 0.27

Samples: 840.000

Time taken for training: 33:23:06

Accuracy: **86.27%**

Average Loss: 0.23

Network 3:

- Structure: [784, 27, 27, 27, 10]
- Learning rate: 0.001

Samples: 60.000

Time taken for training: 00:37:49

Accuracy: **28.19%**

Average Loss: 0.86

Samples: 100.000

Time taken for training: 01:10:08

Accuracy: **33.89%**

Average Loss: 0.82

Samples: 200.000

Time taken for training: 02:34:12

Accuracy: **44.79%**

Average Loss: 0.69

Samples: 400.000

Time taken for training: 05:23:46

Accuracy: **65.38%**

Average Loss: 0.52

Samples: 600.000

Time taken for training: 08:09:35

Accuracy: **77.87%**

Average Loss: 0.38

Samples: 840.000

Time taken for training: 11:28:06

Accuracy: **81.24%**

Average Loss: 0.30