Different input/output channel

Model 1 Configuration

Filters (comma-separated)

> 16,32,64,128

Kernel (comma-separated)

> 3,3,3,3

Model 2 Configuration

Filters (comma-separated)
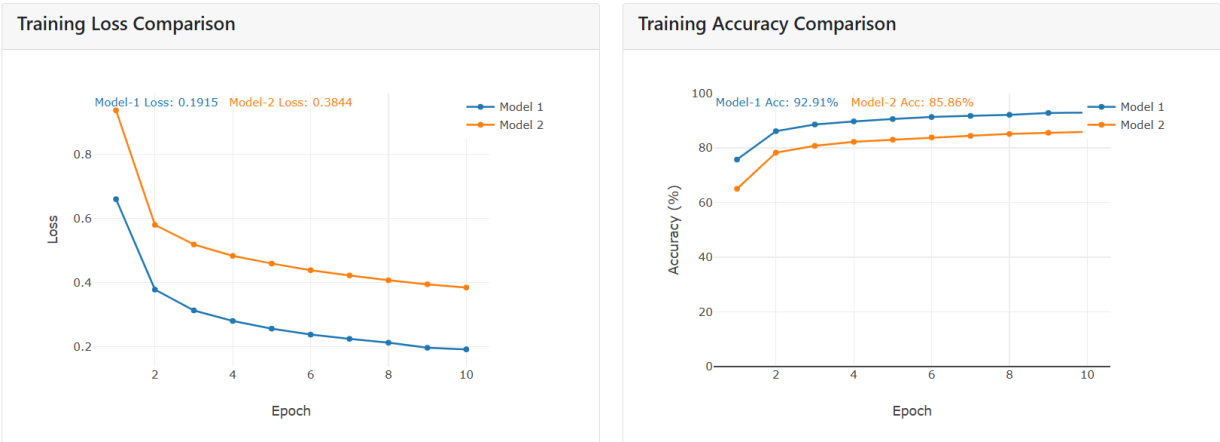
> 8,8,8,8

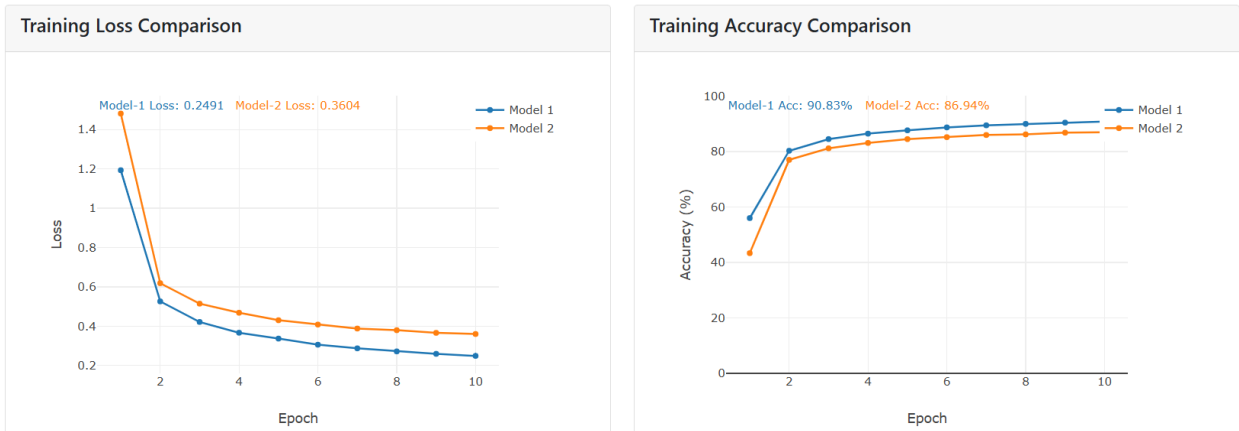Kernel (comma-separated)

> 3,3,3,3

Training Configuration

Optimizer

> Adam

Batch Size

> 128

Epochs

> 2

Adam Optimizer Results

Training Loss Comparison

Model-1 Loss: 0.1915   Model-2 Loss: 0.3844

Training Accuracy Comparison

Model-1 Acc: 92.91%   Model-2 Acc: 85.86%

SGD Optimizer

Training Loss Comparison

Model-1 Loss: 0.2491   Model-2 Loss: 0.3604

Training Accuracy Comparison

Model-1 Acc: 90.83%   Model-2 Acc: 86.94%

Same convolutional channel input output

Model 1 Configuration

Filters (comma-separated)

16,32,64,128

Kernel (comma-separated)

3,3,3,3

Model 2 Configuration

Filters (comma-separated)

16,32,64,128

Kernel (comma-separated)

3,3,3,3

Training Configuration
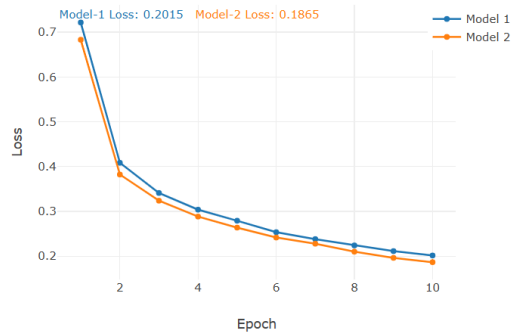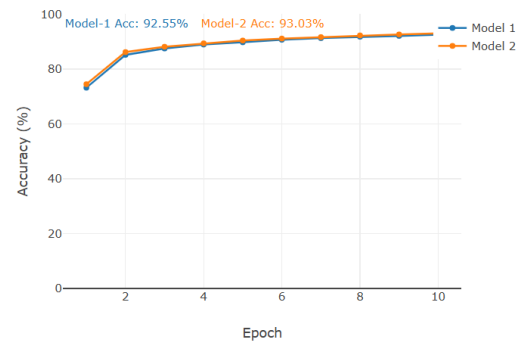
Optimizer

Adam

Batch Size

128

Epochs

10

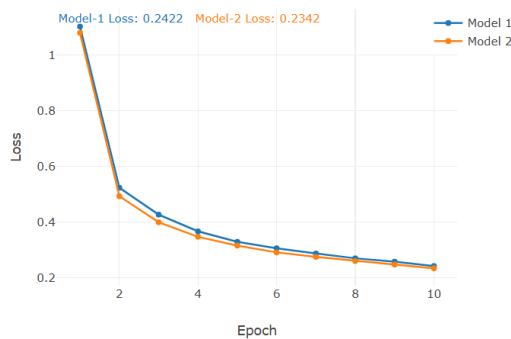**Train Models**

Adam Optimizer

Training Loss Comparison

Model-1 Loss: 0.2015   Model-2 Loss: 0.1865

- Model 1
- Model 2

Training Accuracy Comparison

Model-1 Acc: 92.55%   Model-2 Acc: 93.03%

- Model 1
- Model 2

SGD Optimizer

Training Loss Comparison

Model-1 Loss: 0.2422   Model-2 Loss: 0.2342

- Model 1
- Model 2

Training Accuracy Comparison

Model-1 Acc: 91.04%   Model-2 Acc: 91.35%

- Model 1
- Model 2