

Part 5 - MLP on Permuted MNIST

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Here, we have a permuted mnist dataset and we try to perform mlp on it to see if we can correctly classify the digits.

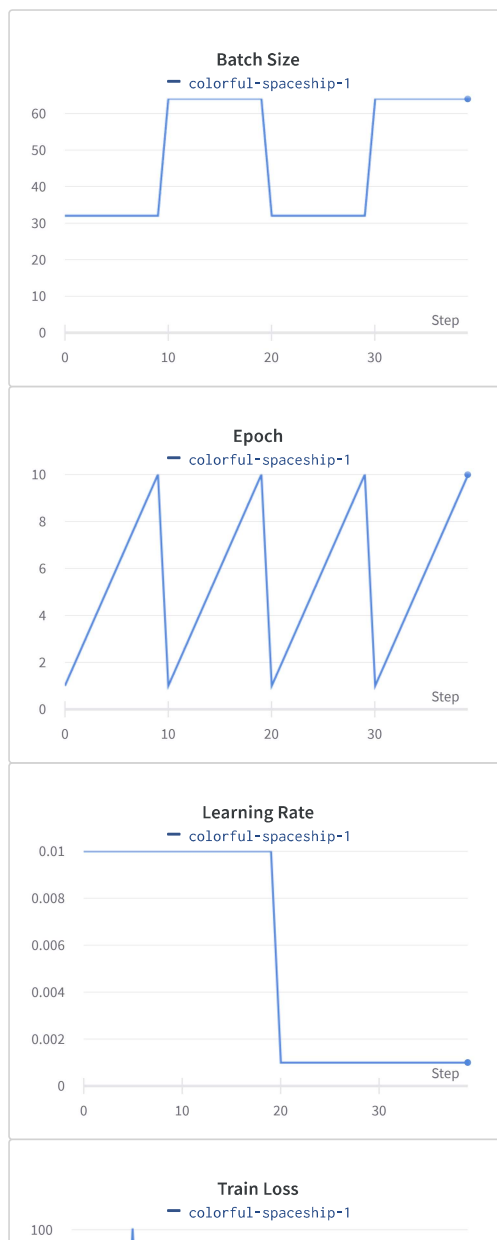
The hyperparameter tuning is done on the following parameters:

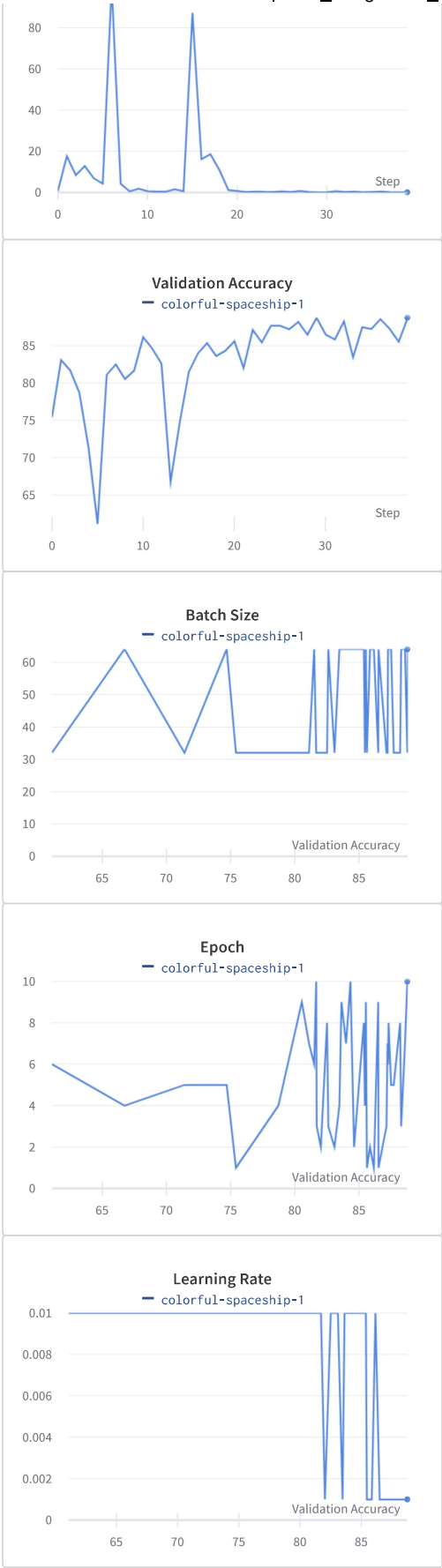
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```
config.learning_rate = [0.01, 0.001]
config.batch_size = [32, 64]
config.num_epochs = 10
```

Python ▾

The results for the same are:





Import panel

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Run set 1	:	

The best model come out to be:

Batch Size	64
Epoch	10
Learning Rate	0.001
Train Loss	0.10228
Validation Accuracy	88.76