

Part 5 - CNN on Permuted MNIST

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Harshit Aggarwal

- Here, we try to build a cnn model to see if we can correctly classify permuted mnist dataset.

We perform hyperparameter tuning on the following parameters:

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

The results for the same are:





Run set 1	:	

The best model comes out to be:

Batch Size	64
Epoch	10
Learning Rate	0.001
Train Loss	0.28883
Validation Accuracy	93.3