

Part 5 - CNN on Double MNIST

Add a description...

Harshit Aggarwal

Here, we have a double mnist dataset where all the images have 2 digits in them and we try to implement a cnn and see if we can correctly predict the digits.

The dataset looks like:



The hyperparameter tuning is done on the following parameters:

⋮

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

The results look like:





Import panel Add panel

☒ Run set 1

+

👁

The best model come out to be:

Batch Size	64
Epoch	10
Learning Rate	0.001
Train Loss	0.14414
Validation Accuracy	47.91875