

Triple MNIST to build a CNN that can recognize the digits

Valiullina Chulpan (leader), Adewuyi Israel, Patel Khush

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1 Introduction

We are working with the triple MNIST and the task is to build a CNN that can recognize the digits. We will define our own Neural Network architecture. Because it's images, of course, we will use CNN

2 Related Work

Studies we used: <https://www.mdpi.com/2076-3417/11/2/744> and <https://www.mdpi.com/2076-3417/13/5/3248>.

3 Methodology

4 Dataset link

Hugging face dataset : <https://huggingface.co/datasets/khushpatel2002/triple-mnist>

5 GitHub link

GitHub Repository: https://github.com/Chehmet/Triple_mnist

6 Experiments and Evaluation

7 Analysis and Observations

8 Conclusion

9 References