Group 12: Luyu Cen, Jingyang Li, Zhongyuan Lyu and Shifan Zhao

Summary:

In the project, scatter net and Pre-trained Deep Neural Networks (Vgg19, ResNet) are used to extract the feature of MNIST dataset. They showed combination of Scatter net and traditional machine learning methods work better. Also t-sne has the best performance in the classification task for this dataset.

Strength of the report:

Their introduction and analysis on each method is very clear.

Weakness of the report:

They may need more graph to visualize the features extracted by deep learning.

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| Evaluation on Clarity and quality of writing (1-5): | 5 |
| Evaluation on Technical Quality (1-5): | 4 |
| Overall rating: | 4 |
| Confidence on your assessment: | 2 |