Summary

Group06 did the experiment on feature extraction and classification on MNIST dataset. They used the methods of scattering net, VGG19 for feature extraction and logistic regression to do the image classification on feature extracted dataset. They also do the visualization about the result of feature extraction and analyse the result about precision.

Strengths

1 The work for each part is clear.
2 The visualization part is interesting.

Weakness

1 The explanation for each part is not enough.
2 It seems that each person demonstrated what they did without evaluation and communication.

Evaluation on Clarity and quality of writing (1-5) 3

The report is clearly written and visualization part give the result straightforward. The citation format in the text is not formal. The structure is not so good that each person just put what they did into the work.

Evaluation on Technical Quality (1-5): 3

The results are technically sound with no obvious flaws in the reasoning. The claims are well supported by experimental results but not theoretical analysis. It seems easy for other reader to reproduce their method. The evaluation is not enough that they just tried to replicate the results without discussion and reflection. The citations in the text are not formal. And there are little comparison between different methods.

Overall rating: 3

Confidence on your assessment (1-3)

2 I have carefully read the paper and checked the results