1. Summary of the report
   The authors extract MNIST dataset features using scattering net , then visualize this features by PCA and t-SNE, finally use it to three different traditional supervised classification methods, which are LDA, SVM and Random Forest. Besides, the authors implement resnet and VGG to classify MNIST dataset.

2. Describe the strengths of the report
   1. discussion about why t-SNE works and PCA are convincing.
   2. There is a analysis to figure out why LDA achieve the best results.

3. Describe the weaknesses of the report.
   1. miss the requirement 2 'Feature extraction by pre-trained deep neural networks' in project 1 description. Without this feature, the following traditional supervised methods also only be applied to ScatNet features.
   2. too much words to introduce scattering net, VGG19 and resnet, need more discussions about the results.

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

5. Evaluation on Technical Quality (1-5): 3

6. Overall rating: (5- My vote as the best-report. 4- A good report. 3- An average one. 2- below average. 1- a poorly written one): 3

7. Confidence on your assessment (1-3) (3- I have carefully read the paper and checked the results, 2- I just browse the paper without checking the details, 1- My assessment can be wrong): 3

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