review-group11-Wang-Ya

October 19, 2019

1 Summary of the report

The report has used scattering network, VGG16 and Restnet-18 to extract the features on MNIST dataset. Then Visualized the extracted features using PCA, t-SNE and various method. Image classification is done by the traditional supervised learning method like SVM, RF, etc..

2 The strengths of the report

- use a table to breifly introduce the number of parameters of three different feature extraction methods.
- use three figures to display the results of feature visualization respectively.
- make a comparsion about the results of visualization.
- use a table to display the final results of different classification methods.

3 The weaknesses of the report

- if there is a picture to display the results of feature extraction of one sample from the MNIST dataset, I think it could be much better.

4 Evaluation on Clarity and quality of writing

- Rating: 5
- Comments: The report is clearly written, with a good use of examples and figures.It doesn't have problems with style and grammar. There aren't issues with typos, formatting, reference, etc.

5 Evaluation on Technical Quality

- Rating: 5
- Comments: The results sound technical. The claims are well-supported by experimental results. It is possible for the other researchers to replicate these results.

6 Overall rating

- 5

7 Condence on assessment

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