

He or she conducts an investigation about the performance of feature extractors based different deep learning models on image classification tasks.

This paper implements AlexNet, VGG16 and ResNet18 to make a comparison on MNIST dataset. He or she uses a scattering wavelet transform on MNIST as another method of extracting deformation invariant features. Finally, the author gives an analysis based on the experimental results.

Pros:

The workload of this project is sufficient for a one-member team.

The conclusion and the analysis makes sense and sounds helpful for readers.

He/she implements 3 deep learning models to conduct the investigation, including AlexNet, VGG16 and ResNet18.

Cons:

The format of report looks cool, but compared with the format of academic paper produced by latex, it is hard for reviewer to read.

Clarity 4

Technical 5

Overall 5

Confidence 3