

Review on Group 11

Summary

Poster format was adopted by group 11 to complete the first project. In this poster, both scattering net and pre-trained deep neural network VGG16 and ResNet-18 were applied on MNIST dataset to extract features. Unsupervised learning were used to visualize the features. Supervised learning methods were used to classify the images.

Strengths

Both scattering net and pretrained deep neural networks were used to extract features of MINIST dataset. Unsupervised learning methods were applied to visualize the extracted features. The objective and the logic of this poster is quite clear. Comparison between different models are made and a simple conclusion is drawn.

Weaknesses

No data augmentation was applied in this project.

Clarity and quality of writing

5

The report is clearly written. It is well organized with good examples and proper figures. No obvious grammar problems or typos are found.

Technical quality

4

Overall rating

4

Confidence on my assessment

2