Project 1 Review on Group 03

Summary of report

Feature extraction using Scattering Net and ResNet18, t-SNE dimensionality reduction and visualization. SVM prediction model is used to separate and make predictions, as well as a fine tuned ResNet18. The result shows RestNet18 extraction do better than the Scatter Net extraction and the deep learning method is better than the traditional classification method in both feature extraction.

Strengths of report

The result comparison in this paper is interesting. They compared feature extraction+SVM v.s. fine tuned ResNet.

Weaknesses of report

It will be helpful to provide more detail on how the group come up with the accuracy in the report.

Clarity and quality of writing

4. Clearly written and good organization. The PPT layout appears to be incorrect, but I am assuming it is conversion problem on my side.

Technical Quality

4. A good technical report work overall.

Overall rating

4. A good report.