

- **Summary of the report.**

This report focus on feature extraction and transfer learning. Three pre-trained deep neural network and scattering net are used for feature extraction. PCA are t-SNE are used for visualizing the extracted feature. This report uses Logistic Regression and random forest to compare the ScatNet and DNN features.

- **Describe the strengths of the report.**

+: Background knowledge are clear stated in this report.
+: Experiments and explanations are good.

- **Describe the weaknesses of the report.**

-: The structure of results are not clear.

- **Evaluation on Clarity and quality of writing (1-5)**

3. Abundant background knowledge and explanation are presented. But the structure is too messy. And it would be better if there is a title for this report.

- **Evaluation on Technical Quality (1-5)**

4. It follows the description of project1. And abundant experiments are conducted. The analysis is also good.

- **Overall rating**

4

- **Confidence on your assessment (1-3)**

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