- **Summary of the report**

  This report proposed a combination of Scattering Net and traditional machine learning methods, and tested its efficiency in image classification. PCA and t-SNE were used in feature extractions. SVM, RandomForest, VGG19 and ResNet were used for comparison.

- **The strength of the report**

  This report is well organized and easy to read. The structure of Scattering Net is introduced clearly.

- **The weakness of the report**

  It will be better if post the structure of ResNet on the premise that VGG19 structure was posted.

- **Clarity and quality of writing -- 5**

  This report is clear written and well organized. Its examples and figures are in good use. This report is in good organization. There is no problem with styles, grammar, types, or formatting.

- **Technical quality – 4**

  Its results are technical sound. There is no obvious flaw in reasoning part. Its claims are detailed and well-supported by experimental results. The experiment is convinced, and the results can be replicated easily. But this report doesn't cite any paper.

- **Overall rating -- 5**
- **Confidence on assessment -- 3**