

- **Summary of the report.**

They extract the feature of image on MNIST dataset and Raphael's paintings dataset by scattering net and VGG19 respectively. They use different unsupervised learning methods to visualize the feature vectors extracted from Raphael's painting dataset. Last, they use SVM to achieve the image classification in Raphael's paintings and MNIST dataset.

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

Well finished most tasks. Descriptions and results are succinct and clear. Results are good enough.

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

They didn't give their own analysis on explaining the phenomena of different results. They only used one approach to do classification which caused that they do not have results to compare.

- **Evaluation on Clarity and quality of writing (1-5): 3.** They didn't specify reference in the report contents but just listed two reference at the end. Table 2 cross pages. Figures are blurred if zoomed in.

- **Evaluation on Technical Quality (1-5): 3.** They forget to give analysis on the results. They only listed them.

- **Overall rating: 3**

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