

- **Summary of the report.**

They conduct feature extraction of the MNIST data through wavelet scattering transform and used simple logistic regression to make image classification. They used pre-trained CNN to identify the Raphael's paintings. They used PCA and nonlinear manifold embeddings to reduce features and visualize the important features.

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

Their process of CNN is clear and logical. Figures are clear and easy to interpret.

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

Experiment on MNIST has few details and no comparison and few analysis was conducted.

- **Evaluation on Clarity and quality of writing (1-5): 2.** Their report need to be reorganized instead of just stacking works and results. The process of first two part need more details. No reference was provided.

- **Evaluation on Technical Quality (1-5): 3.** They used two different approaches to extract features but didn't compare and analyze results.

- **Overall rating: 3**

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