Comment 10

In paper 10, the author conducted the project on both MNIST dataset and Raphael’s painting. As for MNIST, the author used t-SNE to extract features, in order to facilitate separating for different classes. After the feature extraction, they used a simple logistic regression classifier, and finally achieve an accuracy of 98.49%.

As for distinguishing paintings of Raphael from the forgeries, the author chose VGG19 to extract features. And PCA is implemented to pick the principle components. Finally, the writer used logistic regression to classify the images. By repeating cross validation, the mean of predict accuracy is 0.62.

Strength: The strength of this paper is that it provides convincing solutions of both two datasets and the explanations are sufficient.

Weakness: The weakness of this paper is that the structure of this paper is not clearly organized.

Evaluation on quality of writing: 3. The writing is not clear.

Evaluation on presentation: 3.

Evaluation on creativity: 3.

Confidence on your assessment: 3.