

-Summary: The report conducted PCA for visualization, Scattering Net and VGG19 on Raphael's painting dataset for both feature extraction and classification and traditional supervised learning SVM for classification.

-Strengths and weaknesses: The report is accompanied by the codes. A patient reader could check details through codes but in general it's not easy to get the point. The code is well-organized though. The conclusion is not illustrative. Moreover, maybe it's insightful to consider more methods like t-SNE in unsupervised learning and other traditional supervised learning in classification target.

-Evaluation on Clarity and quality of writing (1-5): 2
Separate the report and the code. Presenting more plots would be more intuitive. Stating the conclusion in several bullet points would be easy to read.

-Evaluation on Technical Quality (1-5): 3

-Overall rating: 3