Project Progress Peer Review

P-X: (2) Switch problem to soybean seed classification, because of former problem dataset problem. He has clear description of his problem.

D-X: (2) Kaggle for the classification of different types of soybean seeds (https://www.kaggle.com/datasets/warcoder/soyabean-seeds)

A-X: (2) In the project, he is using PCA to reduce the features. Then, using KNN, SVM and Logistic Regression for data classification.

R-X: (2) Have significant initial results and discussion, which the average error rate is around 0.43-0.46.

C-X: (1) He mentioned the because of dataset is not big enough for this noodle classification problem, therefore, he switches the topic to soybean seed classification. You should discuss more about this topic's problem.

NS-X: (2) He mentioned he will use CNN and Multiclass SVM for next steps.

3 Things:
- Describe the CNN structure. For example, how many convolutional layers for feature extraction.
- I noticed the dataset you are using are images. Can you describe what is the input shape for training SVM and Logistic Regression models.
- When you training models, can you record each model's loss and use those value to make training loss plot.