Critique of **group 86** presentation - **CV-Classification-Leave**

Critiques by **group 5.**

In the video, Group 86 explained the background, literature, dataset, model and result about their experiment of leaf classification. The model part leaves me a deep impression. Group 86 try 6 different kind of model to do the leaf classification. They try Naïve Bayes, SVM, Logistic Regression, K-NN, linear Discriminant Analysis and CNN and come out the visualization for different models. Another part which attract my interesting is the “error\_set” function you used to show the first two wrong model predict results. This function give me a very intuitive way to tell the accuracy of different models. For example, if the images of wrong prediction is very similar with the actual results, this model should be a good one.

Some improvements/unclear:

1. How do you come up with the structure of the CNN? Could you talk some details about why you use certain number of layer and why you adopt such structure?
2. Could you provide some insights about why these 6 models will have different result? In other words, why CNN is better than other models in leaf classification?
3. I believe that your can talk about more details on your “error\_set” function in the slides part because it is intuitive and interesting.