1. Load dataset: https://www.kaggle.com/datasets/dipuiucse/monkeypoxskinimagedataset
2. Split the dataset into train val and test, using some pre-processing techniques on the images using all the deep learning models like BigTransfer (BiT), Vision Transformer, and External Attention Transformer, and visualise all the layers passing the photos. Run at least 15 epochs on the dataset with all metrics and confusion matrix. Use all the fine-tuning methods in pre-processing Cut Mix data augmentation for image classification, MixUp augmentation for image classification, and Rand Augment for Image Classification for Improved Robustness.
3. Load machine learning any 2023 dataset. Split the dataset into train, val, and test, using SVM, logistic, lstm, PCA, ICA, etc., for accuracy comparison.