# Assignment 1: Basic ML models

**Submit the python codes for each models with meaningful filename in a single zip file**

1. Use dataset “Banking Fraud” and design the following ML models using features “income”, “credit\_risk\_score” and “customer\_age”. **(10\* 3 = 30 points)**
2. Support vector machine
3. Random Forest
4. Naïve Bayes
5. Use data “revenue vs iras collection” and design a logistic regression model. Then predict the iras collection for year 2023 with total\_gov\_operating\_rev= 80000000 **10 points**
6. Use “iris” dataset and design KNN, SVM, and XGBoost models. **(20\*3 = 60 points)**