

## **Assignment # 2**

**Due Date: Sunday, October 16, 2022**

### **Submission:**

**This is an individual assignment and you are required to submit your solution in a single Jupyter notebook over Google Class Room (submission link will be created).**

### **Classification using the Census Income Data Set**

The dataset can be downloaded from the UCI Repository:

<https://archive.ics.uci.edu/ml/datasets/Census+Income>

Once downloaded, “adult.data” file provides the labeled training data, while “adult.test” file provides the labeled test data.

The task is to train and test at least 2 different machine learning models (e.g., Naïve Bayes, Logistic Regression, K-Nearest Neighbors, etc.), and perform comparative analysis (e.g., accuracy, efficiency, simplicity, etc.).

You would be asked to present your work as well.