**The assignment is to be done in groups of no more than 5 students each.**

**ASSIGNEMNT 1.**

Using the diabetes csv dataset, create a support vector machine (SVM) model for diabetes prediction.

**ASSIGNMENT 2.**

Create a simple convolutional neural network (CNN) model of your choice.

Expectation.

1. For each model generate a classification report showing the evaluation performances of both models.
2. Each student will be expected to answer a question hence:
3. Every group member should have an understanding of the code and what each function accomplishes.
4. Every group member should have a general understanding of what SVM and CNN are and their working not just how the code to be presented works.
5. Marks will be awarded individually based on how each student answers.