

# Project 2 – Credit Card Fraud Detection

**Dataset Link:** Click [here](#)

**Task:** Implement a Credit Card Fraud Detection classifier using a Neural network in PyTorch Framework

**Questions to Answer:**

1. Perform EDA and do any data preprocessing required (especially handle imbalance in the dataset).
2. Implement a Neural Network using PyTorch Framework
  - a. Plot training loss and validation loss
  - b. Plot training accuracy and validation accuracy
3. Provide observations/reasoning where necessary and a conclusion section at the end of the notebook.

**Submission Instructions:** Please just submit one jupyter notebook containing all the code and make use of markdown cells to include the comments, answers, reasoning, analysis, etc.

**Note:** Name of your file should be your “Project1-id\_Firstname\_Lastname.ipynb”