Lab **Task** 3 - Instructions_CSIT375

1 Lab objectives - CSIT 375

This lab is related to:

- Generate random data point for prediction using numpy
- Visualize the dataset using matplotlib
- Manipulate the dataset with pandas
- Construct the linear regression model
- This lab contains questions that you need to work out on your own. Please refer to the instructions below for more details.
- **You do not need to submit you work for this lab.** The sample solution will be released on 29 March.

2 Instructions

- Please complete your implementation in a seperate file `lab_task_3.ipynb` provided along with this instruction.

- For each question, we have provided you with detailed instructions along with question headings. There are 5 questions in this lab. You need to input your code in the corresponding cell below the comment line `### Your code here ###`.

- Python libraries are allowed, you can use functions that are provided by numpy, matplotlib, pandas, and sklearn.

- Deliverables: The file `lab_task_3.ipynb` with your solutions. You do not need to submit it.