

## MACHINE LEARNING

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|-----------------|--------------------|
| <b>Division</b> | A                  |
| <b>Batch</b>    | 2                  |
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### Assignment 1:

Write a Python code to implement linear and logistic Regression. Use Standard dataset. Use Unlabelled data and convert it into labelled data. Also use Logistic regression for Multiclass classification.

**1. Implement linear and logistic Regression. Use Standard dataset.**

Linear regression:-

<https://colab.research.google.com/drive/1i2Ch8JQHdGm0LrIMinAvpfvxvWoYwA7c?usp=sharing>

Logistic regression:-

<https://colab.research.google.com/drive/1HYLCdkyvMvwnLf4zFyZnR23DXHEZ57kc?usp=sharing>

**2. Use Unlabelled data and convert it into labelled data.**

<https://colab.research.google.com/drive/1iwwzdk7PmB43M9GAqfaPIHdUTui3-zVo?usp=sharing>

**3. Use Logistic regression for Multiclass classification.**

[https://colab.research.google.com/drive/1DPQoWfBj8A5IGiL004HG0y\\_1Tk9ZnGBO?usp=sharing](https://colab.research.google.com/drive/1DPQoWfBj8A5IGiL004HG0y_1Tk9ZnGBO?usp=sharing)