

Task 2: *Customer Yearly Expense Prediction in Ecommerce Platform*

Here a Dataset about yearly expense spent by a customer in a particular ecommerce platform is given, You have to train a Linear Regression Model on this Dataset to predict the yearly expense of a customer for some given parameters.

Download Dataset :

<https://drive.google.com/file/d/16aBn3PDrhFJlWs7cT1AuxW5-uu289Akb/view?usp=sharing>

These parameters (columns) are (You have to use) (X variables) :

- 1. Avg. Session Length**
- 2. Time on App**
- 3. Time on Website**
- 4. Length of Membership**

You have to Predict (y variable):

- 1. Yearly Amount Spent**

*Don't use the remaining 3 columns.

Check Points:

1. Read the Dataset
2. Do some Exploratory Data Analysis (**EDA**)
 `df.info()`
 `df.describe()`
 scatter plot between column: 'Time on App', 'Yearly Amount Spent'
 scatter plot between column: 'Time on Web', 'Yearly Amount Spent'
 any other you can
3. **Train Test Split** the dataset
4. Train the Model using **Linear Regression**
5. Display the model performance score (**MAE** or **MSE**)