**MACHINE LEARNING ASSIGNMENT**

**Q-1.** Imagine you have a dataset where you have different Instagram features like u sername , Caption , Hashtag , Followers , Time\_Since\_posted , and likes , now your task is to predict the number of likes and Time Since posted and the rest of the features are your input features. Now you have to build a model which can predict the number of likes and Time Since posted

**Answer 1 ML:-**

**Q-2.** Imagine you have a dataset where you have different features like Age , Gender , Height , Weight , BMI , and Blood Pressure and you have to classify the people into different classes like Normal , Overweight , Obesity , Underweight , and Extreme Obesity by using any 4 different classification algorithms. Now you have to build a model which can classify people into different classes. Dataset This is the Dataset You can use this dataset for this question.

**Answer 2 ML:-**

**Q-3.** Imagine you have a dataset where you have different categories of data, Now you need to find the most similar data to the given data by using any 4 different similarity algorithms. Now you have to build a model which can find the most similar data to the given data. Link:- <https://www.kaggle.com/datasets/rmisra/news-category-dataset/download?datasetVersionNumber=3>

This is the Dataset You can use this dataset for this question.

**Answer 3 ML:-**

**Q-4.** Imagine you working as a sale manager now you need to predict the Revenue and whether that particular revenue is on the weekend or not and find the Informational\_Duration using the Ensemble learning algorithm Dataset This is the Dataset You can use this dataset for this question.

**Answer 4 ML:-**

**Q-5.** Uber is a taxi service provider as we know, we need to predict the high booking area using an Unsupervised algorithm and price for the location using a supervised algorithm and use some map function to display the data Dataset This is the Dataset You can use this dataset for this question.

**Answer 5 ML:-**

**Q-6.** Imagine you have a dataset where you have predicted loan Eligibility using any 4 different classification algorithms. Now you have to build a model which can predict loan Eligibility and you need to find the accuracy of the model and built-in docker and use some library to display that in frontend Dataset This is the Dataset You can use this dataset for this question

**Answer 6 ML:-**