**Logistic Regression Problem**

In this project, we will be working with a fake advertising data set, Indicating whether or not a particular internet user clicked on an advertisement. We will try to create a model that will predict whether or not they will click on an advertisement based on the features of that user.

This data set contains the following features:

* 'Daily Time Spent on Site': consumer time on-site in minutes
* 'Age': customer age in years
* 'Area Income': Avg. Income of geographical area of consumer
* 'Daily Internet Usage': Avg. minutes a day consumer is on the internet
* 'Ad Topic Line': Headline of the advertisement
* 'City': City of consumer
* 'Male': Whether or not the consumer was male
* 'Country': Country of consumer
* 'Timestamp': Time at which consumer clicked on Ad or closed window
* 'Clicked on Ad': 0 or 1 indicated clicking on Ad

**Here take the dataset:-**[Logistic Regression Problem: Data Set](https://docs.google.com/spreadsheets/d/1EUuCkCgWZaOm4y1nUlslwZz_KDjTKwPzmsYpgzh8RZA/edit#gid=1606160213)

**Steps that you can follow:**

1. Read the dataset as a pandas dataset
2. Do some primary analysis on that by using head, info, describe etc.
3. Plot the graphs.
4. Start with scikit learn and separate X and y.
5. Let y be the value ‘Clicked on Ad’
6. Split to test and train datasets
7. Train the model and predict with test data