**Data Science Algorithm & Regression**

Day- 6

**Linear Regression** Simple Linear Regression and Multiple Linear Regression

**Logistic Regression** To represent binary / categorical outcome, we use dummy variables.

**Predictive Modelling using Python**

Read the data from various sources and perform data cleansing operations, such as identification of noisy data and removal of outliers to make the prediction more accurate.

**Naïve Bayes Algorithm**

Probability of finding an item using the naïve bayes classifier algorithm.

**Decision Trees**

It helps us explore the stucture of a set of data, while developing easy to visualize **decision** rules for predicting a categorical (classification **tree**)

**Day- 7**

* Data Ingestion
* Data Storage
* Data Quality
* Data Operations
* Data Scalability and Security
* Energy Data Management Challenges

**Day-8**

* What is a Relational Data Model?
* What is a Semistructured Data Model?
* Exploring the Relational Data Model of CSV Files
* Exploring the Semistructured Data Model of JSON data
* Exploring the Array Data Model of an Image
* Exploring Sensor Data