**DAY-WISE AGENDA**

**DAY-1**

* Machine learning
* Supervised vs unsupervised.
* Training, Test, and Validation datasets.
* Evaluation criteria.
* The ML product lifecycle.
* Supervised Learning
* Linear regression
* Logistic regression and multinomial logistic regression

**DAY-2**

* Supervised Learning
* Decision trees, random forests, gradient boosting
* Overview of neural networks
* Unsupervised learning
* K-Means clustering
* Data Collection and Preparation
* Extract/Transform/Load (ETL)

**DAY-3**

* Data Collection and Preparation
* Exploratory Data Analysis (EDA)
* “Data cleaning” vs “data preprocessing”
* Data as a source of bias.
* Data visualization
* Visualization examples for the models above
* Links to other visualizations for self-study