FANDS INFONET PVT. LTD.

fands
A Fast AND Steady Approach

FANDSKILL
Behavioral Skills for Corporate

FANDS-PRO
Finishing & Technical Skills for Collegians

Machine Learning Training

Duration
2 Days

Course Outline

Day	Topics Covered
1	• Demystifying Analytics • Descriptive Statistics o Types of data o Measures of central tendency and dispersion o Probability &Probability Distribution o Data Visualization o Understanding Dimensionality – (Data Engineering) • Inferential Statistics o Estimation Theory ▪ Sampling Distribution ▪ Point Estimation ▪ Interval Estimation o Testing of Hypothesis ▪ Inference about one population means ▪ Inference about two populations means
2	• Introduction to Machine Learning o Supervised & Unsupervised Learning o Predictive and Prescriptive Modelling o Applications of Machine Learning (e.g. Procurement & Pricing) o Model based v/s Algorithmic approach • Supervised Learning o Regression & Classification Concepts o Simple Linear Regression o Naïve Bayes Classification • Unsupervised Learning o Clustering ▪ K-Means Clustering o Association Mining ▪ Apriori Algorithm

Note:
1. The trainer will demonstrate the concepts using Python. But the course does not include any topics on programming concepts of Python.
2. Throughout the training the trainer will take up various practical examples.
3. We would expect the participants to have some basic background on College Mathematics (Std. 12th) &Computer Programming (preferably Python).