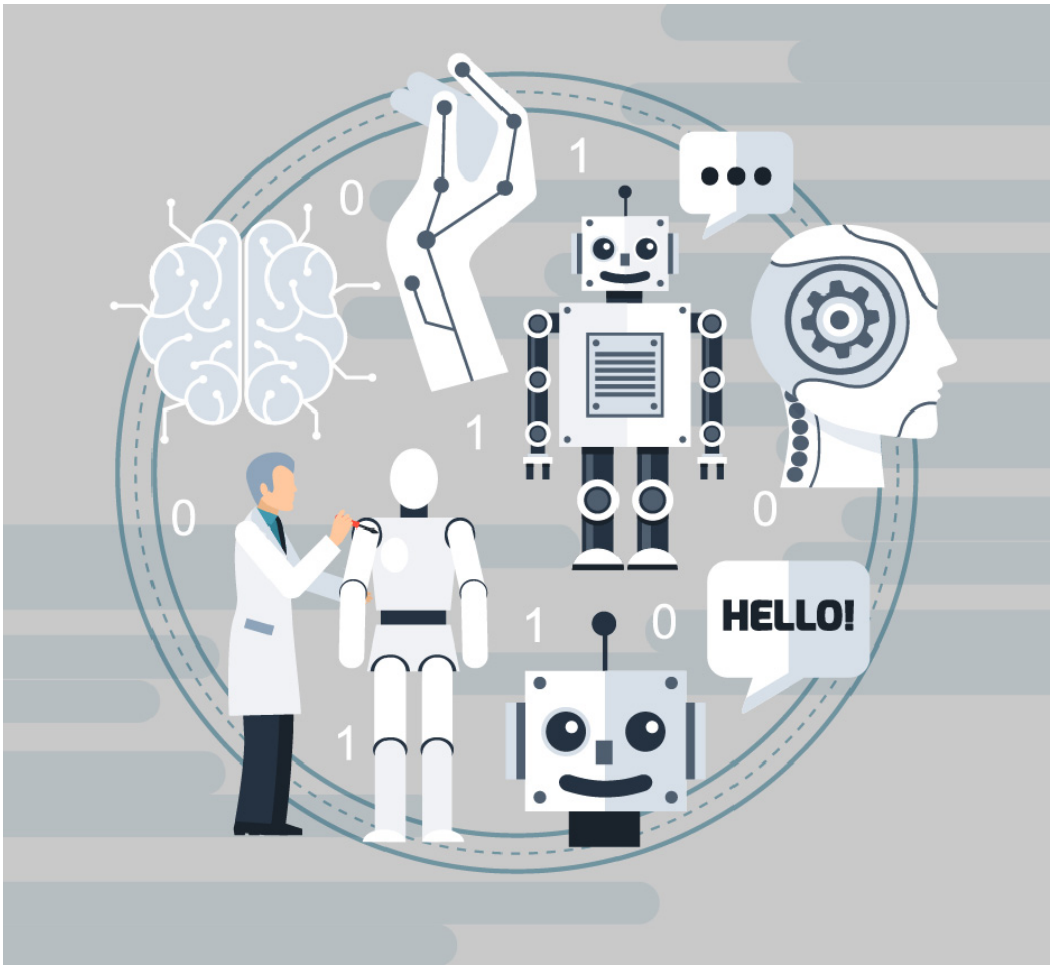
FUNDAMENTALS OF MACHINE LEARNING

Make your machines learn, adapt and make decisions with the 2 day workshop.



WHO SHOULD ATTEND?

- ✓ Students
- ✓ Freshers
- ✓ Corporates
- ✓ IT Professionals

WHY LEARN MACHINE LEARNING?

Machine learning is the science of getting computers to act without being explicitly programmed. In the past decade, machine learning has given us self-driving cars, practical speech recognition, effective web search, and a vastly improved understanding of the human genome.

Machine learning is so pervasive today that you probably use it dozens of times a day without knowing it. Many researchers also think it is the best way to make progress towards human-level AI.

COURSE HIGHLIGHTS

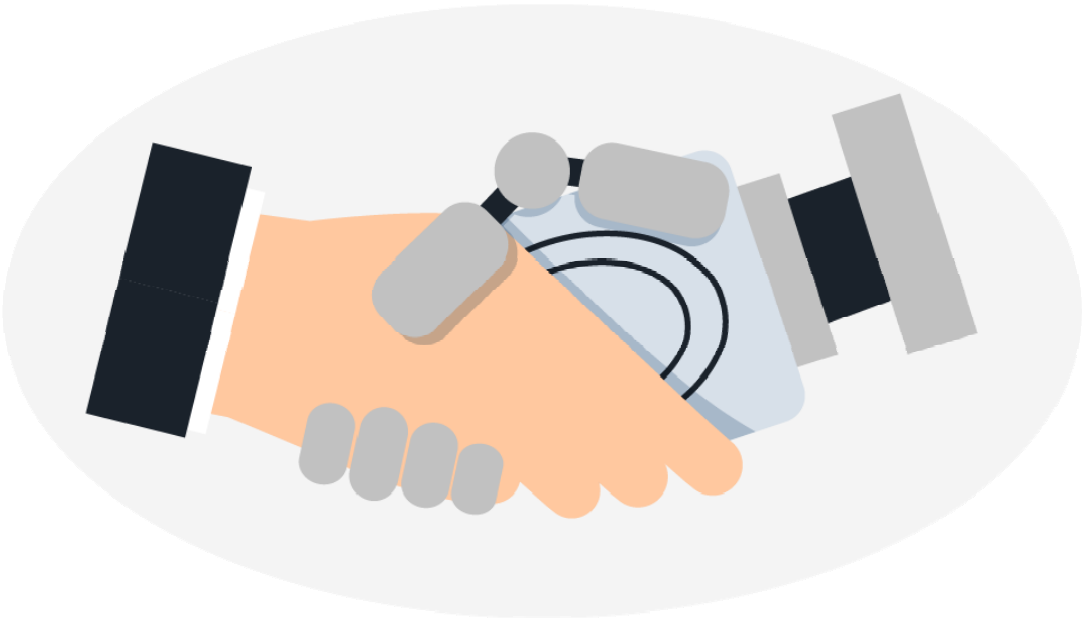
Two days' workshop on Machine Learning will be conducted with an intent to give the participants a fundamental knowledge of machine learning with help of Python programming language.

BENEFITS TO THE LEARNER

- ✓ Understanding on data classifications and models.
- ✓ Development of robust Machine Learning models.
- ✓ Top algorithms among many for any given Machine Learning problem.
- ✓ Create accurate predictions and powerful analysis.

PREREQUISITE

- ✓ Basic Programming Knowledge
- ✓ Perusing Degree | Diploma



FACULTY

Being from the industry the faculty is not just a profession speaker but also a hands on trainer. The purpose of the 2 day workshop would serve the intension of sharing her knowledge and experience to bring out the max in your business.

LAB REQUIREMENT

- ✓ Laptop
- ✓ Python
- ✓ Anaconda

COURSE SYLLABUS

Days	Topics
1	1. Fundamentals of ML 2. Types of Machine Learning 3. Linear Regression Problem 4. Python Programming basics 5. Coding Platform: Jupiter Notebook 6. Gradient Descent Algorithm
2	7. Classification Problem 8. Logistic Regression Model 9. Introduction to python: Scipy and Scikit 10. Handwriting Digit Recognition 11. Convert Images to raw data 12. Raw data to CSV 13. Accuracy Prediction and Optimization