

Course Title: Machine Learning Starter

Duration: 9 hours

Module – 1: Machine learning overview

- Brief history of machine learning.
- Importance of Machine learning.
- Machine learning applications – an overview.
- The AI aspect of machine learning.

Module – 2: Various machine learning algorithms

- Types / Classification of machine learning.
- Brief overview of supervised learning and its usage.
- Brief overview of unsupervised learning and its usage.

Module – 3: Overview of various languages to implement ML

- Overview of Octave
- Overview of Python
- Overview of R

Module – 4: A demo application / Case Studies

- Identification of spot on image using machine learning.
- A Case study on industry application.