



Eckovation

India's Fastest Growing Social Learning Platform

## Machine Learning Value Package + Guaranteed Internship

Learn Python and Machine Learning,  
Build Projects and Start your  
Machine Learning Career.

**Duration : 2 Months**  
(Lifetime Content Access)

4.6



Rated by more  
than 3500 users!



# Curriculum

## 1. Python Programming Language

All the concepts required for Machine Learning

## 2. Introduction to Machine Learning

Introduction

## 3. What is Learning?

What is learning in Machine Learning?  
How did the Program learn?

## 4. Supervise Learning-Classifier

Introduction  
First ML Code  
Code analysis



## 5. Decision Tree

Iris dataset example  
Train a Classifier  
Visualize Decision Tree

## 6. Features and its Analysis

Good features  
Feature Analysis with matplotlib  
Avoiding useless features  
Understanding ideal features

## 7. Pipeline for Supervised Learning

What is a pipeline in supervised learning  
Pipeline example - Self driving car

## 8. Write your Pipeline

Create a pipeline code - 1  
Create a pipeline code - 2  
Analyze the pipeline  
Analyze parameters of Learning - 1  
Analyze parameters of Learning - 2



## 9. Your Own Classifier

- What it means to learn something?
- Define random classifier
- Introduction to KNN
- Euclidean distance
- Implement KNN on your own
- KNN - Pros & Cons

## 10. Unsupervised Learning

- Introduction
- Use cases of Unsupervised learning
- Introduction to KMeans clustering
- Coding the KMeans Clustering
- Issues of Unsupervised learning

## 11. Image Classification Using Deep Learning

- Introduction to Tensor-flow
- The Problem Statement of Image Classification
- Tensor Flow for Poets Code-lab
- Introduction to Deep Learning
- Transfer Learning
- Deep Learning Scripts of ANN
- Deep Learning Result Analysis





# Eckovation

Contact Us :

Mobile - +91-9266677335

Email ID - [engineering@eckovation.com](mailto:engineering@eckovation.com)

