



eLearning Course Title: **MACHINE LEARNING (BEGINNER)**

eLearning Course Type: **Paid**

Registration Fee (including GST):- **Rs. 999/-**

Course conducted by Group/ Regional Directorate Name:- **HRM & CoE Group**

Name & Designation of Course Coordinator: **Mr. Yadu Kr. Yadav, Assistant Director**

Course Coordinator Contact Details: **+91-9958748893**

About eLearning Program (Brief One para): -

Machine learning is a method of data analysis that automates analytical model building. It is a branch of artificial intelligence based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.

eLearning Course Coverage (Specify Module details) :-

MODULES	Beginner Level
1	Introduction to Machine Learning
2	Python Basics and Machine learning Package setup
3	Array manipulation
4	Data Wrangling and Manipulation
5	Supervised Learning
6	Regression: Linear Model, ridge , Decision Tree
7	Classification Models : SVM , RandomForest , K-NN
8	Feature Engineering
9	Gaussian Process

10	Unsupervised learning
11	clustering : K-means and elbow
12	Project : Breast cancer prediction

Register to learn (Key Learnings' in bullet points):

ML is important because of its wide range of applications and its incredible ability to provide solutions to complex problems efficiently, effectively and quickly. It is applied to:

- ✓ Simplifies Product Marketing and Assists in Accurate Sales Forecasts
- ✓ Simplifies Time-Intensive Documentation in Data Entry
- ✓ Improves Precision of Financial Rules and Models
- ✓ Increases the Efficiency of Predictive Maintenance in the Manufacturing Industry
- ✓ Better Customer Segmentation and Accurate Lifetime Value Prediction

Thanks & Regards
NPC Team