Content developed in association with **EISystems Services**

Content Outline

Session 1
Introduction Of Machine Learning
Introduction of EISystems & its trainings
Introduction of Artificial Intelligence and Machine Learning
Brief introduction to Machine Learning for AI
Classification of Machine Learning
Difference between Machine Learning and Artificial Intelligence
Machine Learning Techniques
Types of Learning
Machine Learning System Design
Supervised Learning-Regression
Classification
Future scope, Machine Learning And Artificial Intelligence

Session 2
Introduction of Machine Learning Algorithm
Regression
Backpropagation
Logistic Regression
Decision Tree
k-Nearest Neighbors (KNN)
Clustering

Session 3
Python/Anaconda
Introduction to python and anaconda
Conditional Statements
Looping, Control Statements
Lists, Tuple ,Dictionaries
String Manipulation
Functions
Installing Packages
Introduction of Various Tool
Introduction of Anaconda
Working on spyder ,Jupyter notebook

Session 4
Working on Various Python Library
Installing library and packages for machine learning and data science
Matplotlib
Scipy and Numpy
Pandas
IPython toolkit
scikit-learn

Projects-DEMO
Simple Spam-Detecting Machine Learning Classifier
Predict whether a loan applicant was likely to pay back their loan.
Stock Market Data Analysis
House Price Prediction using Regression
ODI Score Predictor
Classification of Solar Flares
Working with wine Data Set
Breast Cancer Wisconsin (Diagnostic) Classification

Important

1. We are expecting participant(s) to either come with high speed internet dongle or with downloaded software required for workshop, company will not take any responsibility about downloading / installing of software package in participant laptop/system.
2. A session doesn't necessarily depicts order of delivery and company will have full right to amend the delivery pattern including deletion / addition / modification of topics during the course of workshop considering circumstances.