

COURSE CONTENT – MACHINE LEARNING

Introduction

- **Course Overview**
- **Installation & Set up Process**

Python

- **Introduction And Brief Of Numbers And Strings**
- **Introductions To List, Dictionaries, Tuple Sets, And Booleans In Python.**
- **Statements**
- **Functions And Operators In Python**
- **Modules And Packages, Error And exception Handling**

Introduction To AI, ML & Data Science

- **What Is AI?**
- **What Is ML?**
- **What Is Data Science?**

NumPy

- **Introduction To NumPy**
- **Use Case & Functions**

Basics Of Pandas

- **Basics Of Pandas**
- **Creation Of Dataframes**
- **CRUD Operations**
- **Functions & Uses Of Pandas**



COURSE CONTENT – MACHINE LEARNING

Data Visualization

- **Data visualization With Matplotlib And Seaborn**

EDA And Preprocessing

- **Statistical Data Analysis**
- **Exploratory Data Analysis**

Linear Regression

- **Linear Regression**
- **Code Implementation**

Polynomial Regression

- **Polynomial Regression**
- **Code Implementation In Python**

Regression using SKlearn

- **Implementation Of All Kinds Of Regression In Python • SKlearn Module**
- **LASSO And Ridge To Address Overfitting In Models**

Intro To Classification And KNN

- **KNN Model**
- **Code Implementation**



COURSE CONTENT – MACHINE LEARNING

Logistic Regression And Naive Bayes

- **Logistic Regression And Naive Bayes Theory And Mathematics**
- **Code Implementation**

SVM And Decision Tree, Random forest

- **Support Vector Machines**
- **Decision Trees And Random Forest Models • Code Implementation**

Introduction To Neural Networks

- **An Introduction To Neural Networks**
- **The Foundation Of Modern AI**

Unsupervised Learning

- **Introduction To Key Concepts In Unsupervised Learning**
- **k- Means Clustering**
- **Hierarchical Clustering**
- **Principal Component Analysis**

CONTACT US-

Phone no.- 8860810135 ,8700058666

Email-trippleonesolutions@gmail.com

Website- www.trippleonesolutions.com



Tripple One Solution