



Shaping Talents



Shaping Future

JOIN US

Become a Certified
Technology Expert



DATA SCIENCE
TRAINING

Data Science Training

About EnhanceLearn

EnhanceLearn offers you a complete career transition by providing training and placement programs for Students and Jobseekers looking for a Career Success. We provide best IT training and certification courses which is taken by professional certified experts. The training modules are designed as per the market requirement so that it helps student to conquer the Career Job Market and achieve their career goals with our placement assistance.



About the Data Science Training Course

Hadoop and other frameworks have successfully solved the problem of storage, but the processing of this data is under Data Science and it is the secret sauce here. Data science is a multidisciplinary blend of data inference, algorithm development, and technology in order to solve analytically complex problems.

EnhanceLearn provides training that emphasize the use of data science and machine learning to address real-world business challenges. Our Data Science training provides you detailed course in data science, data analytics, data acquisition, statistical methods, analysis and machine learning. You will gain expertise to deploy Recommenders using R programming, data analysis, data transformation, experimentation and evaluation.

Why Take Data Science Training Course?

Data Scientist is one of the best jobs of the 21st century with global market demand.

Data Science Training certifies you with in demand Big Data Technologies.

Data Science Expert earns one of the highest pay-scales among all industries in the job market with Big Data Skills and Expertise.

Data Science is not only seen in the IT field, but has spread across all the leading industries and top companies.

The supply data scientists are very less as compared to their demand in the job market. So, openings to more job opportunities.

Our data science course will make you an expert in all the skills needed to master Data Science and work as a Data Scientist, Data Analyst and more.

Fast-track your career to take on more lucrative job roles and take your career to the next level.

If you are interested in joining EnhanceLearn's best Training and Placement Program team, please reach our team here:

Course Content:

Module 1: Data Science Introduction

- What is Data Science?
- Main objectives of a Data Science Project
- What are the opportunities and Prerequisites?
- Target Audience
- Applications of Data Science
- Lifecycle of Data Science
- Components of the Data Science lifecycle
- Introduction to big data and Hadoop
- Introduction to Machine Learning
- Introduction to Deep Learning
- Introduction to R programming and R Studio.

Module 2: Data Science Project Life Cycle

- CRISP - DM Process Model
- CRISP - DM Phases

Module 3: Basics of Statistics

- Random Variable
- Central Tendencies- Mean Mode, Median
- Probability
- Probability Distribution of Random Variables
- Type of Random Variables
- Variance & Standard Deviation

Module 4: Advanced Statistics

- Normal Distribution
- Standard Normal Distribution and Z- Score
- Binomial Distribution
- Poisson Distribution
- Inferential Statistics
- Sampling
- Central Limit Theorem
- Simulation
- Hypothesis and hypothesis Testing
- Type I and Type II Errors
- Hypothesis testing using z test
- Hypothesis testing t test

Module 5: R Basics

- Introduction to R Programming
- RStudio The IDE
- Data Structures in R
- Slicing and Dicing the data
- Basic Operations

- Control structure and Loops in R
- Basic Inbuilt R Functions
- User Defined Functions

Module 6: Advanced R Programming

- Apply Family of Functions
- Data Manipulation using 'dplyr' Package
- Graphics and Data Visualization in R
- Exploratory Data Analysis in R
- ggplot2 Package
- Applied Statistics using R

Module 7: Machine Learning

- Supervised & Unsupervised ML
- Supervised ML Models
- Linear & Logistic Regression
- Regression methods
- Classification
- K Nearest Neighbours KNN
- Decision Tree
- Random Forest
- Unsupervised ML Models
- K Means Clustering
- Model Evaluation
- Under Fitting and Overfitting
- Confusion Matrix
- K- Fold Cross Validation
- Regression Evaluation Metrics
- Support Vector Machine (SVM)
- Naïve Bayes

Module 8: Time Series Analysis

- What is Time Series
- Techniques and applications
- Components of Time Series
 - Moving Average
 - Exponential Smoothing
 - AR, MA,ARMA,ARIMA Model
- Univariate Time Series Models
- Multivariate Time Series Analysis
- Time series in R
- Sentiment analysis in R
- Text analysis

Module 9: Introduction to Artificial Intelligence

- Introducing Artificial Intelligence and Deep Learning

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Data Science Training

- What is an artificial neural network,
- TensorFlow – computational framework for building AI models
- Fundamentals of building using TensorFlow
- Working with TensorFlow in R



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