Machine Learning

dridhOn

Course Overview:

dridhOn Machine Learning Training program will teach you nurture and transform you into a highly-skilled professional with an in-depth knowledge of various algorithms and techniques, such as regression, classification, supervised and unsupervised learning, Natural Language Processing, etc. This Machine Learning Training program focuses on current, in-demand AI Data science techniques, giving participants a competitive advantage in the industry. Machine Learning Course training, as well as hands-on projects and case studies to ensure that you are Industry ready upon completion of the course.

Training Features:

- 8X higher interaction in live online classes conducted by industry experts
- 28 Hrs. live Classes of Machine Learning Engineer with Interview Preparation
- 3 real-time industry projects with hands-on preparation
- Unlimited Interview Opportunities with Placement Support
- Industry-recognized course completion certificate

Delivery Mode:

- Online Live Virtual Instructor Led Training

Target Audiance:

The Basic Requirement to start a career as a Machine Learning Course, you'll need a Bachelor's degree or at least 1+ years of experience in Information Technology (IT). A Bachelor's degree in Technology justice will help you get the job.

Key Learning Outcomes:

The ability to do something well expertise.

- Data structures
- Data modeling
- Quantitative analysis methods
- Building out data pipelines
- Statistics

Certification Details:

- Complete at least 85 percent of the course or attend one complete batch
- Successful completion and evaluation of the project

Curriculum

1.Installation and configuration

2.Data Preprocessing

3.Regression Techniques

- Simple Linear Regression
- Multiple Linear Regression
- Polynomial Linear Regression
- Support Vector Regression
- Decision Tree Regression
- Random Forest Regression
- Evaluating Regression Model Performance

4.Classification Techniques

- K-Nearest Neighbors (KNN)
- Support Vector Machine (SVM)
- Kernel SVM
- Naïve Bayes Classification
- Decision Tree Classification
- Random Forest Classification
- Evaluating Classification Model Performance

5.Natural Language Processing (NLP)

- Basic of NLP
- Language preprocessing Techniques
- Auto summarizing the given text document

6.Clustering Techniques

- K-Means Clustering
- K-mini Batch Clustering
- Hierarchical Clustering

7.Elbow Method

8.Curve Smoothening Techniques

9.Association Rule Learning

10.Reinforcement Learning

11.Basics of Numpy and panda

12.Deep Learning

- Basics/what is Deep Learning

13.Artificial Neural Networks

14.Dimension Reduction Techniques

- Principal Component Analysis (PCA)
- Linear Discriminant Analysis (LDA)

15.Statistics Basics

- Standard Deviation
- Variance
- Co-Variance
- T-distribution
- Pearson Correlation Coefficient (PCC)/ Correlation Coefficient

16.Model Selection