

# **Implement Machine Learning Using Oracle Data Miner**

## **1: Course Overview**

## **2: Fundamentals of Oracle Machine Learning**

- Fundamentals of Oracle Machine Learning Part 1
- Fundamentals of Oracle Machine Learning Part 2

## **3: Introduction to Oracle Machine Learning UIs**

- Introduction to Oracle Machine Learning UIs Part 1
- Introduction to Oracle Machine Learning UIs Part 2
- Practice 3-1: Create a SQL Developer Connection for the Data Miner User
- Practice 3-2: Install the Data Miner Repository
- Practice 3-3: Create a Data Miner Workflow

## **4: Using Classification Models**

- Using Classification Models Part 1
- Using Classification Models Part 2
- Practice 4-1: Select and Examine Titanic Data Source
- Practice 4-2: Perform Transformations to Prepare the Data
- Practice 4-3: Use Attribute Importance to Filter Input Variables
- Practice 4-4: Create Classification Models
- Practice 4-5: Create Classification Models Using Oracle Data Miner Automated OML

## **5: Using Regression Models**

- Using Regression Models Part 1
- Using Regression Models Part 2
- Practice 5-1: Select and Examine Boston Housing Data Source
- Practice 5-2: Perform Transformations to Prepare the Data
- Practice 5-3: Use Attribute Importance to Filter Input Variables
- Practice 5-4: Create Regression Models
- Practice 5-5: Create Regression Models Using Oracle Data Miner Automated OML

## **6: Using Clustering Models**

- Using Clustering Models Part 1
- Using Clustering Models Part 2
- Practice 6-1: Select and Examine Life Insurance Customers? Data Source

- Practice 6-2: Create Clustering Models
- Practice 6-3: Select and Examine the IRIS Flower Dataset
- Practice 6-4: Create Clustering Models
- Practice 6-5: Create K-Means Clustering Model Without the Species Attribute
- Practice 6-6: Compare the KMeans Models with and Without the SPECIES Column

## **7: Using Anomaly Detection Models**

- Using Anomaly Detection Models Part 1
- Using Anomaly Detection Models Part 2
- Practice 7-1: Select and Examine the Auto Insurance Claims Dataset
- Practice 7-2: Create Anomaly Detection Model.
- Practice 7-3: Create Anomaly Detection Model for the Tax Dataset