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# Using Oracle Machine Learning with Autonomous Database

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Oracle Makine Öğrenimi ile Oracle Kendi Kendini Yöneten Veritabanını ve Analitik Bulutu sunmayı ve kullanmayı öğrenin. Oracle Bulut üzerinde verilerden kestirimsel analiz yapmanın kolaylığını deneyimleyin.

## Hedefler

- Küresel bir çalışma alanında etkin bir işbirliğine imkan sağlayacak olan OML'deki özellikleri tartışma
- Bu Oracle Bulut servislerinin işinize nasıl bir değer katabileceğini ve işinizi nasıl dönüştürebileceğini açıklama
- Oracle Makine Öğrenimi ile uyumlu olan Oracle Bulut servislerini belirleme
- Oracle Makine Öğrenimi'nin (OML) yetkinlikleri ve özelliklerini açıklama
- Oracle Analitik Bulutunun veri görselleştirme özelliklerini keşfetme

## Topics

- Course Overview
  - Target Audience
  - Prerequisites
  - Course Roadmap
  - Use Case: The Tronics
  - Class Person
  - Course Practices
  - Sample Database Schemas Used in the Course
- Introduction to Oracle Machine Learning and Oracle Autonomous Cloud Platform
  - Growth of Oracle Machine Learning
  - Oracle Machine Learning: Features & Components
  - Supported Oracle Cloud Services
  - Oracle Cloud Platform Autonomous Services
  - Oracle Autonomous Database
  - Oracle Analytics Cloud
  - Autonomous Data Warehouse Cloud: Use Cases
- Creating Workspace and Projects in Oracle Machine Learning
  - Accessing the Oracle Machine Learning Home Page
  - Creating a New Project and Workspace
  - Managing Workspaces Permissions
- Creating SQL Scripts and Running SQL Commands in Oracle Machine Learning
  - SQL Script Scratchpad
  - Developing & Running SQL Scripts
  - Exporting and Importing SQL Scripts

- Restrictions on SQL Commands
- Restrictions for Database Options
- Restrictions for Database Initialization Parameters
- Connection Groups
- Notebooks in Oracle Machine Learning
  - Examples: OML Notebook
  - Creating & Editing a Notebook
  - Typical Workflow for Analyzing Data with Oracle Machine Learning
  - Traditional Programming Versus Machine Learning
  - Creating Text Input Forms in Notebooks
  - Creating Select Forms in Notebooks
  - Creating Check Box Forms in Notebooks
  - Setting Up an Output Format
- Collaborating Using Templates in Oracle Machine Learning
  - Templates in Oracle Machine Learning
  - Saving a Notebook as Template in Oracle Machine Learning
  - Sharing Templates
  - Editing Template Settings
  - Collaborate Using the Export Option
- Working with Jobs in Oracle Machine Learning
  - Jobs in Oracle Machine Learning
  - Creating a Job
  - Viewing Job Logs
- Managing Oracle Machine Learning
  - Workflow for Managing Oracle Machine Learning
  - user-data
  - Compute Resource
  - Creating User Accounts for Oracle Machine Learning
- Working with Oracle Machine Learning using Autonomous Transaction Processing Cloud
  - Autonomous Transaction Processing
  - Typical Workflow for Autonomous Transaction Processing, and Other Services and Tools
  - Using Oracle Machine Learning with Autonomous Transaction Processing
  - K-means Algorithm
  - Oracle Machine Learning for Data Access, Analysis, and Discovery
- Creating Visualizations in Oracle Machine Learning Using Analytics Cloud
  - Oracle Analytics Cloud
  - Creating Connections to Oracle Autonomous Data Warehouse Cloud
  - Create Connections to Autonomous Transactional Processing Cloud
  - Use Machine Learning to Analyze Data by Using Oracle Analytics Cloud
  - Using Data Flow to Curate Data Sources
  - Running Data Flows
  - Prediction Visualization