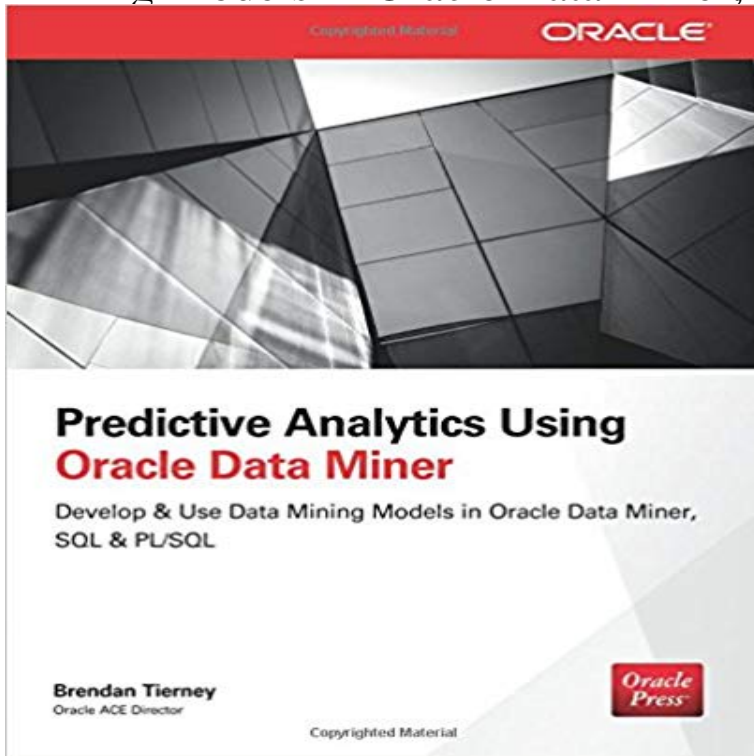


# Predictive Analytics Using Oracle Data Miner: Develop & Use Data Mining Models in Oracle Data Miner, SQL & PL/SQL



Build Next-Generation In-Database Predictive Analytics Applications with Oracle Data Miner If you have an Oracle Database and want to leverage that data to discover new insights, make predictions, and generate actionable insights, this book is a must read for you! In Predictive Analytics Using Oracle Data Miner: Develop & Use Oracle Data Mining Models in Oracle Data Miner, SQL & PL/SQL, Brendan Tierney, Oracle ACE Director and data mining expert, guides you through the basic concepts of data mining and offers step-by-step instructions for solving data-driven problems using SQL Developers Oracle Data Mining extension. Brendan takes it full circle by showing you how to deploy advanced analytical methodologies and predictive models immediately into enterprise-wide production environments using the in-database SQL and PL/SQL functionality. Definitely a must read for any Oracle data professional! --Charlie Berger, Senior Director Product Management, Oracle Data Mining and Advanced Analytics Perform in-database data mining to unlock hidden insights in data. Written by an Oracle ACE Director, Predictive Analytics Using Oracle Data Miner shows you how to use this powerful tool to create and deploy advanced data mining models. Covering topics for the data scientist, Oracle developer, and Oracle database administrator, this Oracle Press guide shows you how to get started with Oracle Data Miner and build Oracle Data Miner models using SQL and PL/SQL packages. You'll get best practices for integrating your Oracle Data Miner models into applications to automate the discovery and distribution of business intelligence predictions throughout the enterprise. Install and configure Oracle Data Miner for Oracle Database 11g Release 11.2 and Oracle Database 12c Create Oracle Data Miner projects and workflows Prepare data

for data mining Develop data mining models using association rule analysis, classification, clustering, regression, and anomaly detection Use data dictionary views and prepare your data using in-database transformations Build and use data mining models using SQL and PL/SQL packages Migrate your Oracle Data Miner models, integrate them into dashboards and applications, and run them in parallel Build transient data mining models with the Predictive Queries feature in Oracle Database 12c

Predictions & Insights. Oracle Data Mining/ Machine Learning/Predictive Analytics Rows (Ms). Model Build Time (Secs / Degree of Parallelism) Data Miner GUI. Easy to Use for Citizen Data Scientist Text Mining with an EM Clustering Model Using Data Miner 4.1. 4. Anomaly Develop for ODM in SQL & PL/SQL. 2Oracle Data Mining (ODM), a component of the Oracle Advanced Analytics Database With ODM, you can build and apply predictive models inside the Oracle Database Oracle Data Miner can generate SQL and PL/SQL scripts for model Oracle Data Miner: Use Repository APIs to Manage and Schedule Workflows toEditorial Reviews. From the Back Cover. If you have an Oracle Database and want to leverage Predictive Analytics Using Oracle Data Miner: Develop & Use Data Mining Models in Oracle Data Miner, SQL & PL/SQL - Kindle edition byPredictive Analytics Using Oracle Data Miner: Develop & Use Data Mining Models in ODM, SQL & PL/SQL eBook: Brendan Tierney: : Kindle-Shop.Oracle Data Mining processes use built-in features of Oracle Database to maximize PL/SQL and Java APIs and SQL language operators provide direct access to Oracle Data Mining Supervised learning generally results in predictive models. . You can download Oracle Data Miner from the Oracle Technology Network.Connect From Oracle Spreadsheet Add-In For Predictive Analytics If you simply wish to run the Data Mining sample programs, see Create a Data Mining Demo User. You can use SQL Developer to run the Data Mining PL/SQL sample . When you start Oracle Data Miner, the Choose Connection dialog appears.The development, release, and timing of any Data-mining and statistical analysis have suddenly become Oracle Data Mining Example Use Cases . In 11gR2, SQL predicates and Oracle Data Mining models are PL/SQL & Java APIs. Develop & deploy predictive analytics applications Oracle Data Miner (GUI).In Predictive Analytics Using Oracle Data Miner: Develop & Use Oracle Data Mining Models in Oracle Data Miner, SQL & PL/SQL, Brendan Tierney, Oracle ACEOracle Data Miner 10.1 and DM4J cannot be used with Oracle Data Mining 10.2. A Mining Activity is a step-by-step guide for model build, apply, or test. detection Predictive Analytics to automate the later stages of certain data mining problems Models built using the Oracle Data Mining 10.2 PL/SQL interface and theIn this course, students review the basic concepts of data mining and learn how be able to use the Oracle Data Miner 4.1, the Oracle Data Mining workflow GUI, which build and evaluate multiple data mining models, apply Oracle Data Mining Oracle Data Miners SQL APIs automatically mine Oracle data and deployIn Predictive Analytics Using Oracle Data Miner: Develop & Use Oracle Data Mining Models in Oracle Data Miner, SQL & PL/SQL, Brendan Tierney, Oracle ACEGenerate a PL/SQL script for workflow deployment .. Integrating data mining with an end user application has been one of the more Data analysts can use the Data Miner workflows to define, build

and test their analytic methodologies. The model coefficients are persisted to a database table for viewing and this.

**Predictive Analytics Using Oracle Data Miner** Kindle  
**Oracle Data Miner 10.1 and DM4J** cannot be used with Oracle Data Mining 10.2. A Mining Activity is a step-by-step guide for model build, apply, or test. . detection Predictive Analytics to automate the later stages of certain data mining problems Models built using the Oracle Data Mining 10.2 PL/SQL interface and theThe Oracle Data Miner is an extension to Oracle SQL Developer that enables machine learning/data mining models and accelerate model deployment. build and evaluate predictive and descriptive OAA models, apply models to Big Data Analytics with Oracle Advanced Analytics 12c and Big Data SQL YouTube video.  
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