Predictive Analytics Using Oracle Data Miner: Develop & Use Data Mining Models in Oracle Data Miner, SQL & PL/SQL (Database & ERP - OMG)

By Brendan Tierney

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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 Developer's 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

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About the Author

Brendan Tierney, Oracle ACE Director (Dublin, Ireland), an independent consultant, lectures on data mining and advanced databases at the Dublin Institute of Technology.

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