Szkolenie: Oracle
Oracle BI 11g R1: Build Repositories

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<tr>
<th>FORMA SZKOLENIA</th>
<th>MATERIAŁY SZKOLENIOWE</th>
<th>CENA</th>
<th>CZAS TRWANIA</th>
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<tr>
<td>Stacjonarne</td>
<td>Cyfrowe</td>
<td>12625 PLN NETTO*</td>
<td>5 dni</td>
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<td>Stacjonarne</td>
<td>Tablet CTAB</td>
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* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

LOKALIZACJE
Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00
Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

Cel szkolenia:
This Oracle BI 11g R1: Build Repositories training is based on OBI EE release 11.1.1.7. Expert Oracle University instructors will teach you step-by-step procedures for building and verifying the three layers of an Oracle BI repository; you'll begin by using the Oracle BI Administration Tool to construct a simple repository to address a fictitious company's business requirements.

Learn To:
- Build and execute analyses to test and verify a dimensional business model.
- Use the Oracle BI Administration Tool to administer Oracle BI Server.
- Use the Oracle BI Administration Tool to build, manage and maintain an Oracle BI repository.
- Build a dimensional business model to address business intelligence requirements.
- Validate your work by creating and running analyses, and verifying query results using the query log.

Plan szkolenia:
- Repository Basics
  - Exploring Oracle BI architecture components
  - Exploring a repository's structure, features, and functions
  - Using the Oracle BI Administration Tool
  - Creating a repository
Loading a repository into Oracle BI Server
Installing the BI Client software
Overview of Exalytics Machine

Building the Physical Layer of a Repository
Importing data sources
Setting up Connection Pool properties
Defining keys and joins
Examining physical layer object properties
Creating alias tables
Printing the physical layer diagram

Building the Business Model and Mapping Layer of a Repository
Building a business model
Building logical tables, columns, and sources
Defining logical joins
Building measures
Examining business model object properties
Printing the business model and mapping layer diagram

Building the Presentation Layer of a Repository
Exploring presentation layer objects
Creating presentation layer objects
Modifying presentation layer objects
Examining presentation layer object properties
Nesting presentation tables
Controlling presentation layer object visibility

Testing and Validating a Repository
Checking repository consistency
Turning on logging
Uploading the repository through Enterprise Manager
Executing analyses to test the repository
Inspecting the query log

Managing Logical Table Sources
Adding multiple logical table sources to a logical table
Specifying logical content

Adding Calculations to a Fact
Creating new calculation measures based on logical columns
Creating new calculation measures based on physical columns
Creating new calculation measures using the Calculation Wizard
Creating measures using functions

Working with Logical Dimensions
- Creating logical dimension hierarchies
- Creating level-based measures
- Creating share measures
- Creating dimension-specific aggregation rules
- Creating presentation hierarchies
- Creating parent-child hierarchies
- Creating ragged and skipped-level hierarchies

Enabling Usage Tracking
- Creating the usage tracking tables
- Setting up the sample usage tracking repository
- Tracking and storing Oracle BI Server usage at the detailed query level
- Using usage tracking statistics to optimize query performance and aggregation strategies

Using Model Checker and Aggregates
- Using Model Check Manager
- Modeling aggregate tables to improve query performance
- Using the Aggregate Persistence Wizard
- Testing aggregate navigation
- Setting the number of elements in a hierarchy

Using Partitions and Fragments
- Exploring partition types
- Modeling partitions in an Oracle BI repository

Using Repository Variables
- Creating session variables
- Creating repository variables
- Creating initialization blocks
- Using the Variable Manager
- Using dynamic repository variables as filters

Modeling Time Series Data
- Using time comparisons in business analysis
- Using Oracle BI time series functions to model time series data

Modeling Many-to-Many Relationships
- Using bridge tables to resolve many-to-many relationships between dimension tables and fact tables
○ Setting an Implicit Fact Column
  ○ Ensuring the correct results for dimension-only queries
  ○ Selecting a predetermined fact table source
  ○ Specifying a default join path between dimension tables

○ Importing Metadata from Multidimensional Data Sources
  ○ Importing a multidimensional data source into a repository
  ○ Incorporating horizontal federation into a business model
  ○ Incorporating vertical federation into a business model
  ○ Adding Essbase measures to a relational model
  ○ Displaying data from multidimensional sources in Oracle BI analyses and dashboards

○ Security
  ○ Exploring Oracle BI default security settings
  ○ Creating users and groups
  ○ Creating application roles
  ○ Setting up object permissions
  ○ Setting row-level security (data filters)
  ○ Setting query limits and timing restrictions

○ Cache Management
  ○ Restricting tables as non-cacheable
  ○ Using Cache Manager
  ○ Inspecting cache reports
  ○ Purging cache entries
  ○ Modifying cache parameters and options
  ○ Seeding the cache

○ Exploring the Summary Advisor Tool
  ○ Setting up Summary Advisor
  ○ Running the Summary Advisor wizard to create the aggregate script
  ○ Running the aggregate script to create the aggregates

○ Using Administration Tool Utilities
  ○ Using the various Administration Tool utilities
  ○ Using BI Server XML API to create XML representation of repository metadata

○ Multiuser Development
  ○ Setting up a multiuser development environment
  ○ Developing a repository using multiple developers
  ○ Tracking development project history

○ Performing a Patch Merge
Comparing repositories
Equalizing objects
Creating a patch
Applying a patch
Making merge decisions

Wymagania:

- Knowledge on Dimensional modeling
- Knowledge on Basic SQL
- Knowledge on Data warehouse design

Poziom trudności

Certyfikaty:

Uczestnicy szkoleń otrzymają zaświadczenia o ukończeniu kursu sygnowane przez firmę Oracle.

Prowadzący:

Autoryzowany wykładowca Oracle.