

Szkolenie: Oracle
Oracle BI 11g R1: Build Repositories


FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Cyfrowe	12625 PLN NETTO*	5 dni
Stacjonarne	Tablet CTAB	13225 PLN NETTO*	5 dni
Metoda dlearning	Cyfrowe	12625 PLN NETTO*	5 dni
Metoda dlearning	Tablet CTAB	12625 PLN NETTO*	5 dni

* (+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.