

Szkolenie: Oracle
Oracle Database 12c: Analytic SQL for Data Warehousing

FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Tradycyjne	2950 PLN NETTO*	2 dni
Stacjonarne	Tablet CTAB	3550 PLN NETTO*	2 dni
Metoda dlearning	Tradycyjne	2950 PLN NETTO*	2 dni
Metoda dlearning	Tablet CTAB	2950 PLN NETTO*	2 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 Database 12c: Analytic SQL for Data Warehousing training teaches you how to interpret the concept of a hierarchical query, create a tree-structured report, format hierarchical data and exclude branches from the tree structure. You'll also learn to use regular expressions and sub-expressions to search for, match, and replace strings.

Plan szkolenia:

- Introduction
 - Course Objectives, Course Agenda and Class Account Information
 - Describe the Schemas and Appendices used in the Lesson
 - Overview of SQL*Plus Environment
 - Overview of SQL Developer
 - Overview of Analytic SQL
 - Oracle Database SQL and Data Warehousing Documentation
- Grouping and Aggregating Data Using SQL
 - Generating Reports by Grouping Related Data
 - Review of Group Functions
 - Reviewing GROUP BY and HAVING Clause
 - Using the ROLLUP and CUBE Operators
 - Using the GROUPING Function

- Working with GROUPING SET Operators and Composite Columns
- Using Concatenated Groupings with Example
- Hierarchical Retrieval
 - Using Hierarchical Queries
 - Sample Data from the EMPLOYEES Table
 - Natural Tree Structure
 - Hierarchical Queries: Syntax
 - Walking the Tree: Specifying the Starting Point
 - Walking the Tree: Specifying the Direction of the Query
 - Using the WITH Clause
 - Hierarchical Query Example: Using the CONNECT BY Clause
- Working with Regular Expressions
 - Introducing Regular Expressions
 - Using the Regular Expressions Functions and Conditions in SQL and PL/SQL
 - Introducing Metacharacters
 - Using Metacharacters with Regular Expressions
 - Regular Expressions Functions and Conditions: Syntax
 - Performing a Basic Search Using the REGEXP_LIKE Condition
 - Finding Patterns Using the REGEXP_INSTR Function
 - Extracting Substrings Using the REGEXP_SUBSTR Function
- Analyzing and Reporting Data Using SQL
 - Overview of SQL for Analysis and Reporting Functions
 - Using Analytic Functions
 - Using the Ranking Functions
 - Using Reporting Functions
- Performing Pivoting and Unpivoting Operations
 - Performing Pivoting Operations
 - Using the PIVOT and UNPIVOT Clauses
 - Pivoting on the QUARTER Column: Conceptual Example
 - Performing Unpivoting Operations
 - Using the UNPIVOT Clause Columns in an UNPIVOT Operation
 - Creating a New Pivot Table: Example
- Pattern Matching using SQL
 - Row Pattern Navigation Operations
 - Handling Empty Matches or Unmatched Rows
 - Excluding Portions of the Pattern from the Output

- Expressing All Permutations
- Rules and Restrictions in Pattern Matching
- Examples of Pattern Matching
- Modeling Data Using SQL
 - Using the MODEL clause
 - Demonstrating Cell and Range References
 - Using the CV Function
 - Using FOR Construct with IN List Operator, incremental values and Subqueries
 - Using Analytic Functions in the SQL MODEL Clause
 - Distinguishing Missing Cells from NULLs
 - Using the UPDATE, UPSERT and UPSERT ALL Options
 - Reference Models

Wymagania:

- Familiarity with SQL
- Data Warehouse design, implementation, and maintenance experience
- Good working knowledge of the SQL language
- Familiarity with Oracle SQL Developer and SQL*Plus
- Oracle Database 11g: Data Warehousing Fundamentals
- Oracle Database 12c: Introduction to SQL Ed 1.1

Poziom trudności



Certyfikaty:

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

Prowadzący:

Autoryzowany wykładowca Oracle.