Oracle Database 11g: SQL Tuning Workshop

- **Formato do curso:** Presencial
- **Preço:** 1350€
- **Duração:** 18 horas

This Oracle Database 11g: SQL Tuning Workshop Release 2 training assists database developers, DBAs and SQL developers in identifying and tuning inefficient SQL statements. You'll explore investigative methods to reveal varying levels of detail about how the Oracle database executes the SQL statement; this helps you determine the root causes of the inefficient SQL statements.

Learn To:

- Use Oracle tools to identify inefficient SQL statements.
- Use Automatic SQL Tuning.
- Use Real Time SQL monitoring.
- Write more efficient SQL statements.
- Monitor and trace high load SQL statements.
- Manage optimizer statistics on database objects.
- Interpret execution plans, and the different ways in which data can be accessed.

Benefits to You

Gain expertise in relational database data management as you learn how to effectively use SQL commands against your business data. These features will help you query and manipulate data within the database, use the dictionary views to retrieve metadata and create reports about their schema objects.

Explore the Optimizer

Expert instructors will also help you explore how the optimizer chooses the path. You'll also learn how to influence the optimizer to ensure the best method is used.

Automatic SQL Tuning Tools

This course covers Automatic SQL Tuning tools and resources available in the Automatic Workload Repository. Furthermore, take advantage of bind variables, trace files and different types of indexes.

Note: this course is based on Oracle Database 11g Release 2.

Destinatários

- Application Developers

- Data Warehouse Administrator
- Data Warehouse Developer
- Database Administrators
- Developer
- PL/SQL Developer
- Support Engineer

Pré-requisitos

- Oracle Database: Introduction to SQL

Programa

- Exploring the Oracle Database Architecture
- Introduction to SQL Tuning
- Introduction to the Optimizer
- Interpreting Execution Plans
- Application Tracing
- Optimizer: Table and Index Operations
- Optimizer Join Methods
- Optimizer: Other Operators
- Case Study: Star Transformation
- Optimizer Statistics
- Using Bind Variables
- Using SQL Tuning Advisor
- Using SQL Access Advisor
- Using Automatic SQL Tuning
- SQL Performance Management