

BI Core - DB concepts & OLAP Introduction

1 Day Course

Course Description

- The goals of the *DB concepts & OLAP Introduction* training course are:
 - To set the building blocks of database and OLAP concepts that will be used in every BI project.
 - To provide insight of the technical data structures and database objects in order to create more efficient designs.
 - To describe some techniques to build efficient and good performing BI systems.

Target Audience

- BI Consultants – get insight of key database and OLAP concepts
- IT Consultants – understand the key concepts of database and OLAP

Topics Covered

- Database concepts
 - Table, View & Materialised view
 - Index, Partitioning
 - Procedure, Function, Package & Trigger
 - Sequence
 - Constraint
 - Deleting & Inserting rows
 - Rollback segment
 - Join
 - Execution plan
- OLAP
 - OLAP Technology
 - OLAP Cube
 - OLAP Visualisation
 - Dimensional Data Model and OLAP Cube
 - Types of OLAP: MOLAP, ROLAP, HOLAP
 - Aggregation

Pre-requisites

- No pre-requisites are needed to enroll in this course although basic database knowledge will help you to quickly understand the different concepts.

Languages

- *DB concepts & OLAP Introduction* is offered in English and Spanish (training material is only available in English).

More Information

- For further information on this course, please contact ClearPeaks at training@clearpeaks.com or +34 607 525 822.