

BI Core - Dimensional Modeling

2 Day Course

Course Description

- The goals of the *Dimensional Modeling* training course are:
 - To provide the building blocks to design a dimensional model for a data warehouse.
 - To discuss specific techniques that resolve the multiple modeling challenges faced in design time.
 - To obtain practical dimensional modeling experience through the labs included in the training.

Target Audience

- BI Consultants – raise dimensional modeling skills to advanced level
- IT Consultants – understand what is behind dimensional modeling with a hands-on training

Topics Covered

- BI System Architecture
- Dimensional Modeling Concepts
- Fact Table Types
- Design Methodology
- Surrogate Keys
- Degenerated Dimensions
- Dimension Hierarchies
- Conforming Dimensions
- Slowly Changing Dimensions
- Mini-dimensions
- Role Playing Dimensions
- Multiple Levels of Granularity
- Multiple Currencies & Units of Measure
- Junk Dimensions
- Date & Time Dimensions
- Performance Implications

Pre-requisites

- Basic data modeling knowledge will help you to quickly understand the different concepts.

Languages

- *Dimensional Modeling* 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.