

ETL Core – ETL Design

3 Day Course

Course Description

- The goals of the *ETL Design* training course are:
 - To understand the different phases of an ETL process.
 - To provide the techniques to design an ETL.
 - To discuss the challenges to be faced during an ETL and provide design solutions to each of them to prevent any issue.
 - To introduce metadata and effective metadata management.

Target Audience

- BI Consultants – understand the specifics of each ETL block and component, and get the tools to overcome the technical difficulties to be found in each of them
- IT Project Managers – get an idea of the cost involved in an ETL design to better estimate and manage your BI project

Topics Covered

- Architecture of a BI system
- Definition and Objectives of an ETL
- Extract
 - Definition
 - Logical Data Map
 - Data Profiling
 - Data Analysis
- Clean
 - Data Cleaning
 - Data Quality
 - Deliverables
- Conform
 - Standardize
 - Match & Deduplication
 - Surviving
- Deliver
 - Dimension Tables
 - Slowly Changing Dimensions
 - Fact Tables
 - Aggregations
- Operations
 - ETL Performance
- Metadata management: business, mapping & workflow definition, execution
- Real-Time ETL Systems
 - Partition
- OBI Apps
 - SDE & SIL Design
- ETL Best Practices

Pre-requisites

- Basic dimensional modeling knowledge is needed to enroll this course.

Languages

- *ETL Design* 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 info@clearpeaks.com or +34 93 272 1546.