

ETL Core – ETL Design

Duration: 2 Day Course

Course Goals

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.

Pre-requisites

Basic dimensional modeling knowledge is needed to enrol this course.

Languages

ETL Design is offered in English and Spanish (training material is only available in English).

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

More Information

For further information on this course, please contact ClearPeaks at info@ClearPeaks.com or +34 93 272 1546.