

MicroStrategy Architect: Advanced Project Design

Overview:

This 1-day course covers advanced features available to project designers. First, students will learn how to manage project data sources using primary and secondary database instances and will learn how to maintain a project schema with the Architect graphical interface. Next, students will learn how the MicroStrategy Engine is aggregate-aware and how to create aggregate tables using data marts. Next, students will learn how to use MicroStrategy MultiSource Option™ to configure projects to access heterogeneous data sources. Finally, students will learn about fact level extensions, transformations, and partition mappings. Students will get hands-on practice during the course through exercises.

MicroStrategy Products Covered:

- MicroStrategy Architect
- MicroStrategy Desktop
- MultiSource Option

Number of Days:

- 1 day

Who Should Attend:

- Project architects
- Anyone who has an interest in designing and creating projects with MicroStrategy Architect

Prerequisites:

- Basic SQL knowledge
- MicroStrategy Desktop: Reporting Essentials
- MicroStrategy Architect: Project Design Essentials

Topics:

- Introduction to Advanced Project Design
 - Review of the Project Design Process
 - Review of Schema Objects
 - Using the Fact Editor
- Maintaining Project Schema
 - Review of Database Instances
 - Maintaining Warehouse
 - Aggregation Awareness
 - Data Marts
- Using MultiSource Option
 - Introduction to MultiSource Option
 - Associating Tables to Database Instances
 - Creating Objects for Multisource Reports
 - Creating Multisource Report
- Fact Level Extensions
 - Overview of Fact Level Extensions
 - Degrading Fact Levels
 - Extending Fact Levels
 - Disallowing Fact Levels
- Transformations
 - What Is a Transformation?
 - Creating and Using Transformations
 - Transformation Examples
- Partitioning
 - Introduction to Partitioning Concepts
 - Warehouse Partition Mapping
 - Metadata Partition Mapping