

## MicroStrategy Architect: Project Design Essentials

### Overview:

This two-day course provides students with an overview of the project design process from designing the logical data model and physical schema for the data warehouse to creating a project in MicroStrategy Architect. Students will first learn about the role of MicroStrategy Architect in supporting various project functions. Then, students will learn how to design a logical data model and physical schema in preparation for creating a MicroStrategy project. Finally, students will learn about the project creation process, including how to work with tables, facts, attributes, and user hierarchies to create a fully-functioning MicroStrategy project. Throughout this course, students will get hands-on practice in designing and creating MicroStrategy projects through a series of exercises.

### MicroStrategy Products Covered:

- MicroStrategy Architect

### Number of Days:

- 2 days

### Who Should Attend:

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

### Prerequisites:

- MicroStrategy Desktop: Reporting Essentials

### Topics:

- Introduction to MicroStrategy Architect
  - Overview of MicroStrategy Architect
  - Roles of MicroStrategy Architect
  - Overview of the Project Design Process
- Designing the Logical Data Model
  - Introduction to Logical Data Modeling
  - Logical Data Model Components
  - Creating a Logical Data Model
- Designing the Data Warehouse Schema
  - Introduction to Physical Schemas
  - Physical Schema Components
  - Schema Types
  - Creating a Data Warehouse Schema
- Creating a Project in MicroStrategy Architect
  - Overview of Project Creation
  - Project Creation Interfaces
- Introduction to the Architect Graphical Interface
  - Introduction to Architect
  - Overview of Architect Components and Settings
- Working with Tables
  - What Is a Project Table?
  - Adding Tables to Project
  - Using the Layers for Project Tables
- Working with Facts
  - What Is a Fact?
  - Types of Facts
  - Creating and Modifying Facts
- Working with Attributes
  - What Is an Attribute?
  - What Is an Attribute Form?
  - Types of Attributes
  - Creating and Modifying Attribute Forms
  - What Is the System Hierarchy?
- Working with User Hierarchies
  - What Is a User Hierarchy?
  - Creating User Hierarchies
- Automatic Schema Recognition
  - Overview of Automatic Schema Recognition
  - Using Automatic Schema Recognition