

MicroStrategy Education™

10.412 Advanced Analytics Reporting

Course description

Develop advanced report objects (metrics, filters, derived attributes, custom groups, and consolidations) to create complex analytical reports. The majority of this course is hands on using MicroStrategy Developer and Web in a Cloud environment.

Skills you gain

- Create non-aggregatable metrics
- Create level metrics to compare contributions
- Create transformation metrics to offset values
- Use advanced mathematical functions in metric calculations
- Use dynamic dates to filter data
- Create and use pass-through functions
- Combine different attribute elements to filter data
- Create attributes and metrics on the fly
- Learn about Intelligent Cubes
- Determine the order of calculation
- Determine how data source tables are joined to produce specific results

MicroStrategy products covered

- MicroStrategy Developer and Web

Right for you if

- You are an advanced analyst who needs to create report objects to support powerful and complex reporting needs

Best class experience if you have

- 10.112 Introduction to Analytics Reporting
- 10.111 Overview of Enterprise Analytics

Topics

1. Introduction to advanced analytics
 - Metadata objects and dependencies
 - Tools and interfaces
 - Final objectives
2. Base formulas and advanced subtotals
 - Base formulas
 - Advanced subtotals
3. Advanced metrics
 - Conditional metrics
 - Transformation metrics
 - Count metrics
 - Advanced functions
 - Dynamic aggregation
4. Level and inventory metrics
 - Level metrics
 - Interacting with the context of reports: Report level
 - Non-aggregatable metrics
 - Advanced metrics in the Formula Editor
 - Nested metrics
5. Advanced filters
 - Advanced attribute qualifications
 - Advanced metric qualifications
 - Relationship filters
6. Advanced attributes
 - Derived attributes
 - Derived elements
 - Consolidations
 - Custom groups
7. Intelligent Cubes
8. Advanced reporting options
 - Report data options