

BO DI Course Content

Overview of the Data warehousing BODI

- ❖ BO DI 11.2(Data Integrator)
- ❖ Introduction to Data Integrator

About Data Integrator

- ❖ Data Integrator product documentation

Data Integrator Architecture:

- ❖ Standard Data Integrator components
- ❖ Optional Data Integrator components
- ❖ Data Integrator management tools
- ❖ Data Integrator operating system platforms
- ❖ Data Integrator distributed architecture

Data Integrator Designer

- ❖ Introduction to Data Integrator Designer:
- ❖ Logging in to the designer
- ❖ Designer overview
- ❖ Data Integrator objects
- ❖ Working with objects
- ❖ General and environment options
- ❖ Projects and Jobs
- ❖ Data stores
- ❖ File formats
- ❖ Data flows
- ❖ Work flows
- ❖ Nested data
- ❖ Real-time jobs
- ❖ Embedded data flows
- ❖ Variables and Parameters
- ❖ Executing jobs
- ❖ Data Quality
- ❖ Design and Debug
- ❖ Data Cleansing

Transforms:

- ❖ About Transforms,operation codes
- ❖ Address_Enhancement
- ❖ Case
- ❖ Date_Generation
- ❖ Effective_Date
- ❖ Hierarchy_Flattening
- ❖ History_Preserving
- ❖ Key_Generation
- ❖ Map_CDC_Operation and Map_Operation
- ❖ Match_Merge
- ❖ Merge Name_Parsing
- ❖ Pivot(columns to rows)
- ❖ Reverse Pivot(rows to columns)
- ❖ Query
- ❖ Row_Generation
- ❖ SQL
- ❖ Table_Comparison
- ❖ Validation
- ❖ XML_Pipeline

Functions and Procedures:

- ❖ Overview of functions
- ❖ About functions
- ❖ Custom functions
- ❖ Database and application functions
- ❖ Description of built-in functions
- ❖ About procedures
- ❖ Calling stored procedures
- ❖ In general
- ❖ From queries
- ❖ Without the function wizard

Data Integrator Scripting Language:

- ❖ About scripting language
- ❖ Language syntax
- ❖ Syntax for statements in scripts
- ❖ Syntax for column and table references in expressions
- ❖ Strings
- ❖ Quotation marks
- ❖ Escape characters
- ❖ Trailing blanks
- ❖ Variables
- ❖ Variable interpolation
- ❖ Functions and Stored procedures
- ❖ Operators
- ❖ NULL values
- ❖ NULL values and empty strings
- ❖ Debugging and Validation
- ❖ Keywords
- ❖ Sample scripts
- ❖ Export/import

Data Integrator Administrator:

- ❖ Introduction
- ❖ Administrator Management
- ❖ Central Repository Management
- ❖ Using Server Groups
- ❖ Executing batch jobs
- ❖ Scheduling jobs
- ❖ Trace and monitoring jobs
- ❖ Export Execution command
- ❖ Using the Administrator
- ❖ Using a third-party scheduler
- ❖ Data Integrator job launcher

Data Integrator Metadata Reports:

- ❖ Introduction
- ❖ Viewing Metadata Reports

Data Integrator Performance Optimization:

- ❖ Introduction
- ❖ Environment Test Strategy
- ❖ Measuring and Tuning Data Integrator Performance
- ❖ Using Bulk Loading