SAS DI Curriculum

Overview

1. Define the architecture of the platform for SAS Business Analytics.
2. Describe the available interfaces.
3. Define the change management feature of SAS Data Integration Studio.

Creating Metadata for Source and Target Data

1. Define administrative tasks to be performed for SAS Data Integration Studio.
2. Describe the New Library Wizard.
3. Use Register Tables wizard to register source data.
4. Use Register Tables wizard to register metadata for a Microsoft Access database table using ODBC.
5. Register metadata for a comma-delimited external file.
6. Import and Export Metadata.

Creating Metadata for Target Data and Jobs

1. Describe features of the New Tables wizard.
2. Discuss SAS packages.
3. Discuss importing and exporting of relational metadata.
4. Discuss components of SQL Join's Designer window.
5. Investigate mapping and propagation.
6. Work with performance statistics.
7. Generate reports on metadata for tables and jobs.
8. Define Impact and Reverse Impact Analysis.

Working with Transformations

1. Discuss and use the Extract and Summary Statistics transformation.
2. Discuss and use the Loop transformations.
3. Investigate where status handling is available.
4. Discuss and use the Data Validation transformation.
5. Discuss and use the Rank, Transpose, Append, List and Sort transformations.
6. Discuss and use the Apply Lookup Standardization transformation.
7. Define the Concept of a Checkpoint.

Working with Tables and the Table Loader Transformation

1. Discuss reasons to use the Table Loader transformation.
2. Discuss various load styles provided by the Table Loader transformation.
3. Discuss various types of keys and how to define in SAS Data Integration Studio.
4. Discuss indexes and how to define in SAS Data Integration Studio.
5. Discuss Table Loader options for keys and indexes.

Working with Slowly Changing Dimensions

1. List the functions of the SCD Type 2 transformation.
2. Define business keys.
3. Define surrogate and retained keys.
4. Detect and track changes.
5. Discuss the Lookup transformation.

Defining Generated Transformations

1. Define SAS code transformation templates.
2. Create a custom transformation

Scheduling and back up jobs

1. How to take the back up of jobs

2. How to schedule jobs

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