SAS® Enterprise Guide® 2: Advanced Tasks and Querying

Kód kurzu: EG282

This course is intended for experienced SAS Enterprise Guide users who want to learn more about advanced SAS Enterprise Guide techniques. It focuses on using the Query Builder within SAS Enterprise Guide, including manipulating character, numeric, and date values; converting variable type; and building conditional expressions using the Expression Builder. This course also addresses efficiency issues, such as joining tables and using a single query to group, summarize, and filter data.

Pro koho je kurz určen

Non-programmers with SAS Enterprise Guide experience, as well as experienced programmers with SAS Enterprise Guide experience

Co vás naučíme

- Use tasks to transpose, stack, rank, and create a random sample of your data.
- Use functions to convert the data type from character to numeric and from numeric to character.
- Use conditional logic in the Query Builder to create new columns.
- Use multiple value prompts

Požadované vstupní znalosti

Before attending this course, students should understand how to do the following:

- Navigate the SAS Enterprise Guide environment.
- Create projects.
- Add data sources.
- Use tasks to accomplish basic analysis and reporting.
- Create queries.

You can gain this knowledge by taking the SAS Enterprise Guide 1: Querying and Reporting course or by completing the Getting Started tutorial in SAS Enterprise Guide.

No SAS or SQL programming experience is required.

Osnova kurzu

Working with Data in a Project

- Working with projects
- Accessing data

Transforming SAS Tables

- Append Tables task
- Split Columns task
- Stack Columns task
- Random Sample task
- Sort Data task

Manipulating Data Values

- Introduction to SAS functions
- Manipulating numeric values
- Manipulating character values
- Converting data type

Prompting and Conditional Processing

- Multiple values prompts
- Range prompts

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- Conditional processing of project steps

Recoding Data Values

- Recoding values
- Recoding values based on a condition
- Writing CASE expressions
- Creating and applying custom formats

Grouping and Filtering

- Grouping and summarizing data
- Including detail and summarized data
- Filtering summarized data in groups

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