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IBM SPSS Data Collection Scripting: (Survey Creation) Level II Information

Length: 2.0 Days
Ref: 0M236G-X
Delivery method: Classroom
Price: EUR

Overview

IBM SPSS Data Collection Scripting: (Survey Creation) Level II is an intermediate level, two day, instructor-led (classroom or on-line) course for advanced scriptwriters that builds on their core interview scripting knowledge by providing more involved and intricate solutions to everyday survey scenarios and methodologies. It teaches a top-down approach to Survey Creation by adding tools, techniques and ideas to their portfolio and opening up the world of Application building rather than thinking of a survey as being the be-all and end-all of their opportunities with Data Collection. The course covers three broad themes: programming techniques, interview operation, and building bespoke applications.

Public

This intermediate course is for Advanced scriptwriters who will modify or enhance scripts generated by attendees from the IBM SPSS Data Collection Scripting (Survey Creation I) course.

Prerequisites

You should have attended the IBM SPSS Data Collection Scripting (Survey Creation I) course, or be very proficient with Data Collection Interview scripting.

Nice to have: It is recommended that you create and run at least two survey using Data Collection Scripting prior to attendance on this course.

Objective

Please refer to the course overview for description information.

Topics

Lesson 1. Introduction

- About IBM Business Analytics
- Introduction
- What This Course Covers

- What This Course Does Not Cover
- How This Course Works
- What You Will Have At The End Of The Course
- Product name references
- Supporting Materials
- Summary

Lesson 2. Controlling How Interviews Start

- Introduction
- Scenario 1: Setting Contexts, Language, Routing At Interview Start
- Scenario 2: Starting The Interview In A Popup Window
- Further Discussion Points

Lesson 3. Handling Multi-Language Surveys

- Introduction
- Adding Text Translations To The Survey Items
- Interview Language Selection
- Scenario 1: Allowing Respondents To Select The Interview Language
- Further Discussion Points

Lesson 4. Advanced Question Management

- Introduction
- Scenario 1: Display Appropriate Randomly Selected Categories
- Scenario 2: Randomizing Questions, Sub-Lists and Category Lists
- Scenario 3: Handling Hierarchical Lists
- Further Discussion Points

Lesson 5. Calculating Values

- Introduction
- Using Temporary Script-Based Variables
- Working With Collections
- Scenario 1: Calculating a Total From a Numeric Grid Question
- Further Discussion Points

Lesson 6. Writing Reusable Routines

- Introduction
- Scenario 1: Checking For A Constant Sum Calculation
- Scenario 2: Calculating Totals From Mixed Question Grids

- Further Discussion Points

Lesson 7. Creating Complex Questions

- Introduction
- Scenario 1: Creating Multi-Question Grids
- Scenario 2: Exiting a Loop Without Asking All Questions
- Scenario 3: Multi-Question Display Within Loops

Lesson 8. Advanced Category Control

- Introduction
- Scenario 1: Differentially Styling Categories
- Scenario 2: Filtering Grid Categories
- Scenario 3: Allowing a Partially Completed Grid
- Scenario 4: Creating a Jagged Grid
- Scenario 5: Splitting Long Lists Over Several Pages
- Scenario 6: Repeating Headings in Grids
- Scenario 7: Allowing Questions To Be Answered In Any Order
- Scenario 8: Decomposing Questions

Lesson 9. Controlling Progress Bars

- Introduction
- Displaying a Progress Bar
- Scenario 1: Controlling the Values of the Progress Bar
- Further Discussion Points
- Summary

Lesson 10. Using Non-Data Collection Software in Interviews

- Introduction
- Interview Events
- Handling Objects And the Data Collection Server's Memory
- Scenario 1: Creating A Page Review Routine
- Scenario 2: Sending Emails From Within An Interview
- Scenario 3: Giving Feedback To Respondents At The End Of The Interview
- Scenario 4: Questions derived from a Database - OLD METHOD
- Scenario 5: Creating A Psychometric Test
- Further Discussion Points

Lesson 11. Handling Script And Survey Errors

- Introduction
- Scenario 1: Creating A Custom Error Handling Routine
- Further Discussion Points

Lesson 12. Question Validation

- Introduction
- Standard Response Validation
- Customized Error Messages
- Scenario 1: Forcing a Response from a Question With A Drop List
- Scenario 2: Automatic Constant Sum Checking
- Scenario 3: Select One Category Per Row/Column Combination
- Scenario 4: Automatically Trapping Missing Answers Per Row of a Complex Grid
- Scenario 5: Trapping Missing Answers Per Row Of A Grid
- Scenario 6: Collecting A Date Where JavaScript is Blocked
- Scenario 7: Validating A Respondent's Phone Number
- Scenario 8: Assessing How Often A Question Has Been Asked
- Further Discussion Points

Lesson 13. Working With Navigation Buttons

- Introduction
- Scenario 1: Changing Navigation Button Texts
- Changing The Look and Feel Of Navigation Buttons
- Using Graphics As Button Faces

Lesson 14. Chaining Surveys Together

- Introduction
- Scenario 1: Chaining Surveys Together

Lesson 15. Recording Interview Statistics

- Introduction
- Scenario 1: Quantifying An Interview And Its Questions
- Further Discussion Points

Lesson 16. Global Questions on Survey pages

- Introduction
- Scenario 1: Adding Language option on each page

Lesson 17. Quota Administration

- Introduction
- Scenario 1: Sample and Scripted based quotas
- Scenario 1: Practical Techniques
- Recap: Sample Quotas versus Script Quotas - the Practicalities

Lesson 18. Unbounded loops

- Introduction
- Scenario 1: Using unbounded loops
- Further Discussion Points

Lesson 19. Questions derived from a Database - NEW METHOD

- Introduction
- Scenario 1: Database questions using a local file
- Scenario 2: Database questions using a database file

Lesson 20. Telephone - Keycodes

- Introduction
- Scenario 1: Adding keycodes to a categorical questions

Lesson 21. Telephone - Screener Incidence Rates

- Introduction
- Scenario 1: Adding Incidence rate calculations into a survey

Lesson 22. Telephone - Recording and Playing back Audio files

- Introduction
- Scenario 1: Recording questions
- Scenario 2: Playing back audio files to respondents
- Further Discussion Points
- Appendix A. Language Definitions Script