

# DIMENSIONS SCRIPTING (REPORT CREATION I)

SPSS

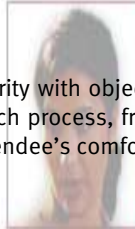
■ Platform: Windows ■ Duration: 2 days

## TARGET AUDIENCE

Designed for users who will be involved in the creation of complex cross-tabulations using the syntax or code, rather than the graphical interfaces of Dimensions analysis tools. Also for staff responsible for creating automated survey reporting utilities or those undertaking server based implementations of survey reporting using the Dimensions Component Pack

## PREREQUISITES

There are no prerequisites for this course, however familiarity with object-orientated programming, such as VBScript, would be an advantage. A thorough understanding of the survey research process, from survey design, through data collection through to data analysis and presentation will significantly increase the attendee's comfort on this course.



## OVERVIEW

Dimensions provides interfaces to generate sophisticated analyses of survey data. Behind the scenes, Dimensions can also be operated using a powerful scripting language which can allow the user to go beyond the functionality provided by the interfaces. The user can also set up scripts to run on an unattended scheduled basis to routinely report on on-going projects. The scripts, with some fore-thought, can also be used across projects very easily. This course has been designed to take an attendee from the basics of creating, testing and running a simple survey reporting script, through progressive iterations right the way through to intermediate level tables-based analyses. The attendee will be hands-on from the start and will be progressively learning more and more of the capabilities of the analysis components of Dimensions. Attendees will be learning to use the Dimensions Integrated Development Environment for testing and debugging their scripts. For those attendees approaching the course from a server based viewpoint, the attendee will walk away with sufficient knowledge to implement the core of a bespoke server-based reporting application.

## OBJECTIVES

- Utilise mrStudio Integrated Development Environment
- Tabulate data from various data sources
- Create annotations, filtering and apply weights
- Export tables to Microsoft Office Applications
- Apply statistical tests and interpret data

## COURSE CONTENT

Following an overview of the main features and an introduction to essential terminology, you will proceed logically through the following topics:

- Opening different sources of data to use for analysis
- Creating simple and complex table types
- Manipulation the contents of cells
- Adding statistics to tables
- Manipulating the titles of tables
- Creating simple and complex filter statements
- Using weights for tables
- Controlling Bases and creating special elements
- Working with grid questions
- Managing the global document settings and the default table settings within a script
- Publish analysis results to different application such as Microsoft PowerPoint, Microsoft Word and Microsoft Excel
- Experiencing some of the powerful editing and testing capabilities of the Dimensions Integrated Development Environment