Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

Arrow ECS, Woluwedal 30, 1932 Sint-Stevens-Woluwe

Email: education.ecs.benelux@arrow.com
Phone: +32 2 332 19 57

Advanced Data Preparation Using IBM SPSS Modeler (v18.1.1)

CODE:	LENGTH:	PRICE:
0A058G	8 Hours (1 day)	€780.00

Description

This course covers advanced topics to aid in the preparation of data for a successful data science project. You will learn how to use functions, deal with missing values, use advanced field operations, handle sequence data, apply advanced sampling methods, and improve efficiency.

Objectives

Using functions to cleanse and enrich dataUsing additional field transformationsWorking with sequence data
Sampling, partitioning and balancing dataImproving efficiency

Audience

This advanced course is intended for anyone who wants to become familiar with the full range of techniques available in IBM SPSS Modeler for data preparation.

Prerequisites

• Experience using IBM SPSS Modeler including familiarity with the Modeler environment, creating streams, reading data files, exploring data, setting the unit of analysis, combining datasets, deriving and reclassifying fields, and basic knowledge of modeling.
• Prior completion of the Introduction to IBM SPSS Modeler and Data Science course is recommended.

Programme

1: Using functions to cleanse and enrich data• Use date functions• Use conversion functions• Use string functions• Use statistical functions• Use missing value functions
2: Using additional field transformations• Replace values with the Filler node• Recode continuous fields with the Binning node• Change a field's distribution with the Transform node
3: Working with sequence data• Use sequence functions• Count an event across records• Expand a continuous field into a series of continuous fields with the Restructure node• Use geospatial and time data with the Space-Time-Boxes node
4: Sampling, partitioning and balancing data• Draw simple and complex samples with the Sample node• Create a training set and testing set with the Partition node• Reduce or boost the number of records with the Balance node
5: Improving efficiency• Use database scalability by SQL pushback• Process outliers and missing values with the Data Audit node• Use the Set Globals node• Use parameters• Use looping and conditional execution

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.