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

CODE:	LENGTH:	PRICE:
0A058G	1 dage	kr 5,820.00

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 data
Using additional field transformations
Working with sequence data
Sampling, partitioning and balancing data
Improving 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

Further Information

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process:

<http://w3.ibm.com/services/gbs/evita/BCSVTEenrl.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price
- The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

Session Dates

På anmodning. [Kontakt os venligst](#)

Yderligere Information

Denne træning er også tilgængelig som træning på stedet. [Kontakt os for at finde ud af mere.](#)