



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# IBM SPSS Modeler Foundations (V18.2)

CODE:	LENGTH:	PRICE:
0E069G	16 Hours	€855.00

## Description

**Contains** PDF course guide, as well as a lab environment where students can work through demonstrations and exercises at their own pace.

This course provides the foundations of using IBM SPSS Modeler and introduces the participant to data science. The principles and practice of data science are illustrated using the CRISP-DM methodology. The course provides training in the basics of how to import, explore, and prepare data with IBM SPSS Modeler v18.2, and introduces the student to modeling.

If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the Self-Paced Virtual Classes and Web-Based Training Classes on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course. <http://www.ibm.com/training/terms>

## Objectives

Introduction to IBM SPSS ModelerIntroduction to data scienceDescribe the CRISP-DM methodology  
Introduction to IBM SPSS ModelerBuild models and apply them to new dataCollect initial dataDescribe field storage  
Describe field measurement levelImport from various data formatsExport to various data formatsUnderstand the dataAudit the data  
Check for invalid valuesTake action for invalid valuesDefine blanksSet the unit of analysisRemove duplicatesAggregate data  
Transform nominal fields into flagsRestructure dataIntegrate dataAppend datasetsMerge datasetsSample recordsTransform fields  
Use the Control Language for Expression ManipulationDerive fieldsReclassify fieldsBin fieldsFurther field transformations  
Use functionsReplace field valuesTransform distributionsExamine relationships  
Examine the relationship between two categorical fieldsExamine the relationship between a categorical and continuous field  
Examine the relationship between two continuous fieldsIntroduction to modelingDescribe modeling objectives  
Create supervised modelsCreate segmentation modelsImprove efficiencyUse database scalability by SQL pushback  
Process outliers and missing values with the Data Audit nodeUse the Set Globals nodeUse parameters  
Use looping and conditional execution

## Audience

- Data scientists
- Business analysts
- Clients who are new to IBM SPSS Modeler or want to find out more about using it

## Prerequisites

- Knowledge of your business requirements

## Programme

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Create supervised models  
Create segmentation models  
Improve 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.](#)