



## TRAINING OFFERING

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# IBM SPSS Modeler Foundations (V18.2)

| <b>CODE:</b> | <b>LENGTH:</b>    | <b>PRICE:</b> |
|--------------|-------------------|---------------|
| 0A069G       | 16 Hours (2 days) | £1,300.00     |

## Description

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.

## Objectives

### Introduction to IBM SPSS Modeler

- Introduction to data science
- Describe the CRISP-DM methodology
- Introduction to IBM SPSS Modeler
- Build models and apply them to new data

### Collect initial data

- Describe field storage
- Describe field measurement level
- Import from various data formats
- Export to various data formats

### Understand the data

- Audit the data
- Check for invalid values
- Take action for invalid values
- Define blanks

### Set the unit of analysis

- Remove duplicates
- Aggregate data
- Transform nominal fields into flags
- Restructure data

### Integrate data

- Append datasets
- Merge datasets
- Sample records

### Transform fields

- Use the Control Language for Expression Manipulation
- Derive fields
- Reclassify fields
- Bin fields

### Further field transformations

- Use functions
- Replace field values
- Transform distributions

## Examine relationships

- Examine the relationship between two categorical fields
- Examine the relationship between a categorical and continuous field
- Examine the relationship between two continuous fields

## Introduction to modeling

- Describe modeling objectives
- 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

## 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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## Session Dates

On request. Please [Contact Us](#)

## Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)