# IBM SPSS Modeler Foundations (V18.2)

**Cursusduur: 2 Dagen** **Cursuscode: 0A069G**

## Beschrijving:

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.

## Doelgroep:

Data scientistsBusiness analystsClients who are new to IBM SPSS Modeler or want to find out more about using it

## Doelstelling:

- At the end of the course, participants will be able to :
- Collect initial data
- Understand data
- Define the unit of analysis
- Integrate data
- Transform fields
- Examine the relationship between a categorical field and a continuous field
- Discover modeling
- Improving efficiency

## Vereiste kennis en vaardigheden:

- Knowledge of your business requirements
- Basic understanding of Data Science

## Cursusinhoud:

- 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

## Extra informatie:

Official course book provided to participants

## Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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