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## IBM SPSS Modeler Foundations (V18.2)

**Duration: 2 Days**    **Course Code: 0A069G**

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### Overview:

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.

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### Target Audience:

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

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### Objectives:

- Please refer to course overview.
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### Prerequisites:

- Knowledge of your business requirements
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## Content:

Introduction to data science	Aggregate data	Examine relationships
Describe the CRISP-DM methodology	Transform nominal fields into flags	Examine the relationship between two categorical fields
Introduction to IBM SPSS Modeler	Restructure data	Examine the relationship between a categorical and continuous field
Build models and apply them to new data	Integrate data	Examine the relationship between two continuous fields
Collect initial data	Append datasets	Introduction to modeling
Describe field storage	Merge datasets	Describe modeling objectives
Describe field measurement level	Sample records	Create supervised models
Import from various data formats	Transform fields	Create segmentation models
Export to various data formats	Use the Control Language for Expression Manipulation	Improve efficiency
Understand the data	Derive fields	Use database scalability by SQL pushback
Audit the data	Reclassify fields	Process outliers and missing values with the Data Audit node
Check for invalid values	Bin fields	Use the Set Globals node
Take action for invalid values	Further field transformations	Use parameters
Define blanks	Use functions	Use looping and conditional execution
Set the unit of analysis	Replace field values	
Remove duplicates	Transform distributions	

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## Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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