Introduction to IBM SPSS Statistics (V20)
0G500G

Delivery Type: Instructor-led Online
Duration: 2 days

Overview

Introduction to IBM SPSS Modeler and Data Mining is a two day instructor-led online basic course that provides an overview of data mining and the fundamentals of using IBM SPSS Modeler., The principles and practice of data mining are illustrated using the CRISP-DM methodology. The course structure follows the stages of a typical data mining project, from reading data, to data exploration, data transformation, modeling, and effective interpretation of results. The course provides training in the basics of how to read, explore, and manipulate data with IBM SPSS Modeler, and then create and use successful models.

Pre-Requisites

You should have:
- ✓ General computer literacy

No statistical background is necessary.

It would be helpful if you had an understanding of your organization's data, as well as any of your organization's business issues that are relevant to the use of data mining.

Content

Introduction to Data Mining
- ✓ Explain the stages of the CRISP-DM process model.
- ✓ Describe successful data mining projects and the reasons why projects fail.
- ✓ Describe the skills needed for data mining.

Working with Streams
- ✓ Describe the different areas of the Modeler User Interface.
- ✓ Work with nodes and Supernodes.
- ✓ Run, open and save a stream.
- ✓ Access the help function within Modeler.

Data Mining Tour
- ✓ Explain the primary concepts used in data mining.
- ✓ Build, evaluate and deploy a model.
- ✓ Use the Sort and Filter nodes.

Collecting Initial Data
- ✓ Explain the concepts of "data structure", "records", "fields", "unit of analysis", "storage".
- ✓ Read data from and export data to various file formats

Target Audience

This basic course is for:

- ✓ anyone with little or no experience in using IBM SPSS Modeler
- ✓ anyone with little or no experience in data mining
- ✓ anyone who is considering purchasing IBM SPSS Modeler