

[AV185-DA]: Introduction to Data Analytics

Length	: 1 Day
Audience(s)	: Business Users, IT and other Power Users
Level	: Executives/Supervisors/Managers
Technology	: Excel & Various Data Analytics Platform
Delivery Method	: Instructor-led (Classroom)

Course Overview

A course preparing participants to gain knowledge about Data Analytics concepts. Excel 2016 will be used in the session but earlier versions of Excel can also apply.

At Course Completion

Participants will have the knowledge of the concepts of Data Analytics and Visualization.

Course Outline

Module 1: Introduction to Data concepts

Lessons

- 3 V's of Data
- What is Big Data
- Big Data vs Small Data

Module 2: Introduction to Analytics

Lessons

- What is Data Analytics?
- Why Data Analytics is important for any business?
- Areas where Analytics can make impact
- Making sense of your data
- Fundamentals of Descriptive Analytics

Module 3: Making difference with Visualizations

Lessons

- Introduction to various Data Analytics Platforms
- Presenting the results of Data Analysis
- Data Access
- Importing data and Storage location
- Building Data visualizations – Bar charts, Line charts, Pie Charts, Scatter plots, maps and more
- Configuring Visualization properties
- Creating Hierarchies in Visualizations

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Module 4: Exporting to common destinations like Excel, PowerPoint and PDF

Question and Answer with Discussion

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