

(55103A) –Creating and Sharing Interactive Dashboards with PowerPivot,

Power View and SharePoint Server

OBJECTIVE

In this course students will learn how to create and share interactive dashboards using Excel PowerPivot, Power View and SharePoint. Students will walk through the development of a dashboard project with the steps, concepts, formulas, and functions that are used explained in detail.

COURSE TOPICS

Module 1: Course Overview

- Introduction
- Course Materials
- Facilities
- Prerequisites
- What We'll Be Discussing

Module 2: Dashboard Principles

- Develop Multiple Dashboards
- Change Deployed Dashboards
- Provide Interactive Help For Your Dashboards
- Monitor Dashboard Utilization
- Control Dashboard Updates

Module 3: Sourcing the Data

- Importing Data
- Relating Data
- Enriching Data
- Time Calculations

Module 4: Creating the Excel Dashboard

- Tabular Data
- Visual Data
- Linked Tables

Module 5: Adding Interactivity

- Adding Drill through

- Visualizations with Power View

Module 6: Sharing with SharePoint Excel Services

- Deploy to SharePoint
- Automatic Data Refresh

After completing this course, students will be able to:

- Understand how to develop multiple dashboards.
- Understand how to change deployed dashboards.
- Understand how to provide interactive help for dashboards.
- Understand how to monitor dashboard utilization.
- Understand how to control dashboard updates.
- Understand how to import data.
- Understand how to relate data.
- Understand how to enrich data.
- Understand how to use time calculations.
- Source data.
- Understand tabular data.
- Understand visual data.
- Understand linked tables.
- Create a dashboard.
- Understand how to add drill through.
- Understand visualizations in Power View.
- Add interactivity.
- Understand how to deploy to SharePoint.
- Understand automatic data refresh.
- Share using SharePoint Excel Services.

PREREQUISITES

Before attending this course, students must have:

- Experience installing PC hardware and devices.
- Basic understanding of TCP/IP and networking concepts.
- Basic Windows and Active Directory knowledge.
- The skills to map network file shares.
- Experience working from a command prompt.

- Basic knowledge of the fundamentals of applications. For example, how client computer applications communicate with the server.
- Basic understanding of security concepts such as authentication and authorization.
- An understanding of the fundamental principles of using printers.

TRAINING APPROACH

This course includes lectures, course notes, exercises and hands-on practice.

COURSE DURATION

16 Hours (in 2 days)

CERTIFICATION COMPLETION

A certificate of completion is provided for all trainees attending the course