

Course HC550 - Performance Point 2007 Boot Camp

This four day course is a fast-paced, instructor-led tour of Microsoft PerformancePoint Server 2007. The purpose of the course is to provide students with general and detailed information on the deployment, architecture and utilization of PerformancePoint Server to monitor and analyze key business metrics as well as plan and model business metrics. .

During the four days of class through lecture and hands-on exercises students will:

- Be familiarized with a comprehensive view of PerformancePoint system architecture.
- Learn how to build business models and how to add and maintain dimensions to PerformancePoint Server.
- Create security roles and users
- Create and manage PerformancePoint cycles
- Link users with cycles
- Build forms and reports using the PerformancePoint Server Add-In for Excel
- Create and maintain rule based calculations and data handling within PerformancePoint Planning
- Monitor and analyze key business metrics with PerformancePoint dashboards and scorecards

This course is written and taught by:



At Course Completion

After completing this course, students will be able to:

- Understand PerformancePoint Server System Architecture
- Create and manage Model Sites
- Create pre-built and custom dimensions
- Create and manage PerformancePoint cycles
- Manage permissions
- Understand the PerformancePoint Add-In for Excel
- Create calculation rules and understand the basics of PPS syntax
- Understand practical use of forms and how to design forms
- Create a Monitoring data source
- Create a PerformancePoint Server scorecard
- Create PerformancePoint Server KPIs
- Create a PerformancePoint Server Monitoring report
- Export a PerformancePoint Server scorecard to Excel
- Deploy a dashboard to SharePoint

Prerequisites

This course is intended for BIPM solution architect/project managers, BIPM solution implementers, application developers, business power users.

Students should meet the following prerequisites:

- Familiarity with the Microsoft Windows operating system
- Familiarity with Microsoft Excel
- Have a basic understanding of multi-dimensional data structures and OLAP principals

The course materials, lectures, and lab exercises are in English. To benefit fully from our instruction, students need an understanding of the English language and completion of the prerequisites.

Course Outline

Module 1: Introduction to Business Intelligence Performance Management

- Business Intelligence and Performance Management Concepts
- Microsoft PerformancePoint Server Concepts
- Demonstration – Planning & Monitoring and Analytics
- Case Study Examples

Module 2: Functionality and Architecture Overview

- PerformancePoint Server (PPS)
- PPS Planning
- PPS Monitoring and Analytics
- Architecture Overview
- Features
- Usage
- Components
- Terminology

Module 3: PerformancePoint Solution - Step-by-Step Introduction

- Learning Step by Step
- Business scenario
- Solution outline

Module 4: Planning - Getting Started

- Administering a PPS Planning Server
- Users and Roles
- PPS Planning application
- Sites and Sub Sites

Module 5: Planning - Dimensions and Models

- Application design overview
- Dimensions, member sets, and member views
- Creating the calendar
- Models
- Assumptions, model properties, and associations

Module 6: Planning - Data Integration

- Data Integration Value
- Data Integration Architecture
- Data Integration Overview
- Troubleshooting
- Write-back

Module 7: Planning - Business Roles

- PerformancePoint Security Model
- Security Roles
- Business Roles

Module 8: Planning - Rules and Calculations

- Calculation Framework
- PerformancePoint Expression Language (PEL)
- Rule Set and Rules
- Calculation Rules
- Rule Authoring
- Rule Execution
- Debugging

Module 9: Planning – Forms

- Introduction to the PerformancePoint Excel Add-in
- Creating and Using a Form
- Introduction to Permissions and Assignments

Module 10: Planning - Process Management

- Introduction to Process Management
- Assignments, Cycles, and Jobs
- Roles and Approval Processes
- Data Permissions and Security

Module 11: Planning – Reports

- Understanding Report Design
- Important Considerations for Reports
- Using the Report Wizard

Module 12: Monitoring & Analytics - Getting Started

- Introducing Monitoring and Analytics
- Understanding Dashboards
- Creating and Deploying a Dashboard
- Exploring the Dashboard Designer

Module 13: Monitoring & Analytics - Dashboard Components

- Dashboards
- Data Sources
- Indicators
- Key Performance Indicators
- Scorecards
- Reports
- Export Options

Module 14: Monitoring & Analytics – Dashboards

- Dashboard Overview
- Dashboard Key Capabilities
- Dashboard Fundamentals and Components
- Dashboard Filters
- Dashboard KPIs
- Dashboard Deployment and Preview

Module 15: Monitoring & Analytics – Security

- Security Overview
- Server Roles
- Element Roles
- Authentication / Validation process

Module 16: PerformancePoint Server Architecture

Module 17: Implementing a PerformancePoint Solution