

Project Management Dashboards with Microsoft Power BI & Oracle Primavera P6

HRDF-10001525522



Who Should Attend This Course?

This course is exclusively designed for :

- Experienced Primavera P6 Users
- Project Planners & Schedulers
- Project Controls Engineers and Managers
- Professionals seeking to elevate reporting skills through Power BI

⚠️Note: Prior hands-on experience with Oracle Primavera P6 is mandatory.

**FOR MORE
INFORMATION**



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COURSE OVERVIEW

Unlock the full potential of data visualization and business intelligence in project management with this specialized 3-day hands-on course. Designed specifically for seasoned Primavera P6 planners, schedulers, and project control professionals, this course provides practical, real-world training on integrating Microsoft Power BI with Oracle Primavera P6 datasets.

Participants will explore the complete Power BI reporting lifecycle from data extraction and transformation to advanced analytics using DAX (Data Analysis Expressions) and Power Query. By the end of the course, you'll be equipped to create compelling, interactive dashboards that drive smarter decisions and clearer insights across projects.

LEARNING METHODOLOGY

This course employs an interactive learning approach combining:

- Instructor-led lectures
- Real-world Primavera P6 case studies
- Guided hands-on exercises
- Group discussions on practical applications

Participants will use actual project management data to simulate real reporting scenarios and create dynamic visual dashboards.

WHY THIS COURSE IS IMPORTANT

In today's data-driven project environments, the ability to transform raw project data into meaningful, real-time insights is a competitive advantage. Traditional project reporting methods often fall short when it comes to flexibility, interactivity, and visual clarity—especially for complex schedules managed in tools like Oracle Primavera P6.

This course bridges that gap by empowering project planners, schedulers, and project control professionals with the skills to harness Microsoft Power BI for advanced project reporting. Participants will learn how to connect Primavera P6 data, transform it using Power Query, and build interactive dashboards that support data-driven decisions across all project levels.

By mastering DAX, data modeling, and dashboard publishing, attendees gain practical tools to automate reporting workflows, improve stakeholder communication, and enhance overall project visibility. In addition, the course aligns with global best practices in project controls and is led by a certified industry expert—ensuring immediate relevance and high value for every participant.

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COURSE OBJECTIVE

By the end of this course, participants will be able to:

- Understand the Power BI ecosystem and its relevance to project management
- Connect Power BI to Primavera P6 and other project data sources
- Perform ETL processes to clean and model project data effectively
- Create insightful visual dashboards using charts, slicers, KPIs, and more
- Use DAX to build calculated measures and advanced analytical models
- Design and publish user-friendly, executive-level dashboards
- Share reports securely within the organization for collaboration and decision-making

COURSE OUTLINE

Day 1: Power BI Introduction & Data Integration

- Introduction to Power BI: Interface, tools, and project management relevance
- Installing Power BI Desktop and initial setup
- Understanding KPIs and measures in project context
- Connecting to multiple data sources: Web, Excel ,and Analysis Services
- Data shaping and transformation using Power Query
- Managing relationships and combining datasets effectively

Day 2: Data Modelling & DAX Essentials

- Data types and measures in Power BI
- Creating calculated columns and tables for dynamic analysis
- Introduction to DAX: Syntax, logic, and real-world applications
- Best practices for using DAX in project reporting
- Difference between Lookup Tables and Data Tables
- Power Query advanced transformations for project-specific challenges

Day 3: Dashboard Development & Primavera P6 Integration

- Report view: Formatting and organizing your visual outputs
- Techniques to display KPIs and project-specific metrics
- Connecting to Primavera P6 datasets:
- Understanding P6 database structure
- Extracting and transforming data for Power BI
- Integration best practices
- Building dashboards with:
- Ribbon, Waterfall, Funnel & Tree Map charts
- Matrix, Table, Card, Gauge, and Slicer visuals
- Publishing and sharing dashboards within your organization
- Using Power BI Service to collaborate
- Dashboard version control and access management

COURSE DETAILS

- Duration: 3 Full Days
- Delivery Format: In-person or online, hands-on workshop
- Materials Provided: Course manual, datasets, templates, and sample reports
- Software Requirements: Power BI Desktop (latest version)
- Prerequisites: Proficient use of Oracle Primavera P6

REGISTRATION & ENQUIRIES

For course registration, group bookings, or further information, contact:

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WHY ATTEND?

- ✓ Gain in-demand Power BI skills tailored for project management
- ✓ Learn from experienced instructors with Primavera P6 and Power BI expertise
- ✓ Enhance your career with real-world dashboarding capabilities
- ✓ Receive hands-on guidance and reusable templates



TRAINER'S PROFILE : ADEL ALIASKARI

PMO Manager | Certified Project & Agile Management Professional | Industry Trainer

Adel Aliaskari is a seasoned Project and Program Management professional with over 19 years of cross-industry experience in Telecommunications, Power Generation, Oil & Gas, Construction & Infrastructure, and Organizational Development. Holding a BSc in Industrial Engineering and an MBA, Adel combines academic excellence with practical leadership to deliver high-impact project outcomes and transformative PMO strategies.

He is globally certified in a wide range of project and agile frameworks, making him a versatile and credible instructor for professionals seeking practical and internationally aligned knowledge. His training sessions are grounded in real-world application and strategic insights, developed over nearly two decades of managing complex programs and leading enterprise-level PMOs.

Certifications & Credentials:

- PMP® – Project Management Professional (PMI, USA)
- PMI-Authorized PMP® Instructor
- PMI-ACP® – Agile Certified Practitioner
- PRINCE2® Practitioner
- Professional Scrum Master (PSM I)
- Professional Scrum Product Owner (PSPO I)
- Professional Agile Leadership (PAL)
- SAgile® 6 Scrum Master (SSM)

Areas of Expertise:

- Strategic Project & Program Management
- Agile Project Delivery & Scrum Facilitation
- Enterprise PMO Design, Implementation & Governance
- Project Planning, Scheduling & Control Systems
- Professional Project Management Training & Coaching

Adel's deep understanding of both traditional and agile project methodologies positions him as a valuable asset for any training session or implementation engagement involving project governance, delivery excellence, or PMO setup.