Power Business Intelligence Certification Prep Training Course

Professional Development Training Course Outline

Category	Business Intelligence	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Power Business Intelligence is a leading business intelligence and data visualization tool that enables organizations to turn raw data into actionable insights. Power Business Intelligence Certification Prep Training Course is designed for professionals who want to master data analytics, reporting, and visualization to drive informed decision-making. Participants will gain hands-on experience in transforming complex datasets into interactive dashboards, implementing advanced analytics, and leveraging AI-powered insights to solve real-world business challenges.

The course emphasizes practical learning and industry-relevant skills, ensuring that participants are well-prepared to pass certification exams and enhance organizational performance. Through structured modules, case studies, and interactive exercises, learners will develop proficiency in data modeling, DAX functions, Power Query, and Power BI service deployment, creating a strong foundation for career advancement in business intelligence and data analytics.

Programme Curriculum

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Course Objectives

1. Understand Power BI architecture and its components for effective BI solutions.
2. Master data modeling techniques to create robust datasets.
3. Develop advanced DAX calculations for insightful analytics.
4. Learn Power Query transformations to clean and shape data efficiently.
5. Create interactive dashboards and reports for real-time decision-making.
6. Utilize Power BI Service and Power BI Mobile for organizational collaboration.
7. Implement row-level security for secure data access.
8. Integrate Power BI with Microsoft Excel, SQL, and cloud services.
9. Automate data refreshes and scheduled reporting.
10. Apply AI insights and visual analytics in real-world scenarios.
11. Prepare and practice for Power BI certification exams.
12. Analyze business performance using KPI-driven dashboards.
13. Gain hands-on experience through practical case studies and exercises.

Organizational Benefits

- Improve data-driven decision-making across departments.
- Reduce reporting time with automated dashboards.
- Enhance cross-functional collaboration through shared reports.
- Enable proactive business strategy adjustments.
- Increase transparency in data usage and analytics.
- Boost employee skill levels in advanced data analytics.
- Improve forecasting and predictive analytics capabilities.
- Drive higher ROI on data initiatives.
- Standardize reporting processes across the organization.
- Strengthen competitive advantage with actionable insights.

Target Audiences

- Business analysts seeking data visualization expertise.
- Data analysts aiming for Power BI certification.
- Finance professionals needing advanced reporting skills.
- IT professionals supporting BI initiatives.
- Marketing analysts tracking campaign performance.
- Operations managers monitoring key metrics.
- Project managers analyzing project data trends.
- Students and professionals preparing for data analytics careers.

Course Duration: 5 days

Course Modules

Module 1: Introduction to Power BI

- Overview of Power BI ecosystem and tools.
- Understanding datasets, reports, and dashboards.
- Connecting Power BI to multiple data sources.
- Introduction to Power BI Desktop and Service.
- Exploring Power BI workspace and navigation.
- Case Study: Setting up a sales dashboard from Excel data.

Module 2: Data Modeling and Relationships

- Creating data models for efficient analytics.
- Understanding tables, relationships, and keys.
- Implementing star and snowflake schemas.
- Best practices for data normalization and hierarchy.
- Handling data types and calculated columns.
- Case Study: Building a financial reporting model.

Module 3: Power Query and Data Transformation

- Importing and cleaning data using Power Query.
- Applying transformations and data shaping.
- Handling missing data and duplicates.
- Combining multiple data sources.
- Implementing query parameters and functions.
- Case Study: Transforming raw operational data for dashboards.

Module 4: DAX Fundamentals and Advanced Calculations

- Introduction to DAX formulas and syntax.
- Using calculated columns and measures.
- Time intelligence functions in DAX.
- Aggregations, filtering, and context evaluation.
- Creating dynamic metrics for dashboards.
- Case Study: Calculating year-over-year sales growth.

Module 5: Data Visualization Techniques

- Selecting the right visualization for data insights.
- Designing interactive reports and dashboards.
- Using slicers, filters, and drill-throughs.
- Enhancing visuals with conditional formatting.
- Custom visuals and marketplace integration.
- Case Study: Developing a marketing performance dashboard.

Module 6: Power BI Service and Collaboration

- Publishing reports to Power BI Service.
- Sharing dashboards with stakeholders.
- Creating workspaces and managing permissions.
- Collaboration with Teams and SharePoint integration.
- Scheduling data refreshes and alerts.
- Case Study: Sharing a cross-departmental KPI dashboard.

Module 7: Security and Governance

- Implementing row-level security (RLS).
- Understanding roles and permissions.
- Best practices for data governance.
- Auditing and monitoring user activity.
- Ensuring compliance with organizational policies.
- Case Study: Securing confidential HR data reports.

Module 8: Exam Preparation and Real-World Scenarios

- Overview of Power BI certification exams.
- Key exam topics and tips for success.
- Practice exercises and sample questions.
- Solving real-world business problems using Power BI.
- Reviewing dashboards for optimization and accuracy.
- Case Study: Preparing a complete sales and operations report.

Training Methodology

- Instructor-led interactive sessions.
- Hands-on labs and practical exercises.
- Real-world case studies for contextual understanding.
- Quizzes and practice tests for exam readiness.
- Group discussions and knowledge sharing.
- Continuous feedback and learning support.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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Register Online Now

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