Dashboard Design for Business Intelligence 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

In today’s data-driven business landscape, mastering Dashboard Design for Business Intelligence (BI) has become essential for professionals seeking to translate complex datasets into actionable insights. Dashboard Design for Business Intelligence Training Course provides an immersive learning experience in designing intuitive, interactive, and visually compelling dashboards that empower decision-makers. Participants will explore cutting-edge BI tools, advanced visualization techniques, and real-world use cases that enhance organizational performance and streamline data communication. By integrating practical skills with strategic thinking, learners will develop the expertise needed to craft dashboards that not only present information but also tell compelling stories through data.

The course emphasizes hands-on application, ensuring participants gain practical experience in creating dashboards that optimize data interpretation, support predictive analytics, and enhance reporting efficiency. Through a structured approach, learners will understand the principles of dashboard aesthetics, UX design, and KPI tracking, while leveraging industry-standard BI tools. By the end of the program, participants will be equipped to transform raw data into insightful dashboards that drive business growth, operational efficiency, and strategic decision-making across multiple domains.

Programme Curriculum

Dashboard Design for Business Intelligence Training Course

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Course Objectives

1. Understand the principles of effective dashboard design and data visualization.
2. Gain proficiency in BI tools such as Power BI, Tableau, and Qlik Sense.
3. Master interactive and dynamic dashboard creation for diverse business functions.
4. Learn KPI identification, metric tracking, and performance measurement.
5. Explore storytelling with data for executive and operational dashboards.
6. Apply advanced visualization techniques including charts, heat maps, and maps.
7. Integrate data from multiple sources for consolidated dashboards.
8. Enhance analytical thinking for decision-making and predictive insights.
9. Optimize dashboards for mobile, web, and enterprise deployment.
10. Understand UX/UI principles in dashboard design.
11. Implement best practices in data governance and security.
12. Conduct testing, iteration, and user feedback for continuous improvement.
13. Build real-world dashboards through case study-based practical projects.

Organizational Benefits

1. Enhanced data-driven decision-making capabilities.
2. Improved operational efficiency through real-time insights.
3. Better KPI monitoring and performance measurement.
4. Streamlined reporting and communication across departments.
5. Accelerated response to market trends and business challenges.
6. Standardized dashboard design across teams for consistency.
7. Reduced dependency on IT for reporting needs.
8. Improved data accuracy and governance.
9. Enhanced collaboration between business and technical teams.
10. Boosted ROI through actionable insights and predictive analytics.

Target Audiences

1. Business analysts and data analysts
2. BI developers and data engineers
3. Project managers and team leads
4. IT and data management professionals
5. Marketing and sales professionals
6. Finance and operations managers
7. Executive leadership and decision-makers

8. Students and professionals aspiring for BI expertise

Course Duration: 5 days

Course Modules

Module 1: Introduction to BI Dashboard Design

- Overview of Business Intelligence and dashboarding concepts
- Importance of dashboards in organizational decision-making
- Understanding metrics, KPIs, and reporting structures
- Principles of dashboard design and visualization best practices
- Hands-on case study: Creating a simple KPI dashboard

Module 2: Data Preparation and Integration

- Data sourcing, cleaning, and transformation techniques
- Connecting multiple data sources to BI tools
- Understanding data modeling and relationships
- Data aggregation, summarization, and filtering techniques
- Hands-on case study: Preparing sales data for dashboard integration

Module 3: Visualization Techniques

- Choosing the right chart types for different data types
- Implementing interactive filters and slicers
- Advanced visualizations: heat maps, tree maps, and geospatial charts
- Conditional formatting for dynamic dashboards
- Hands-on case study: Visualizing customer segmentation

Module 4: Advanced Dashboard Design

- Designing interactive and user-friendly dashboards
- Layout optimization and storytelling with data
- Implementing drill-downs and drill-throughs
- Performance tuning for large datasets
- Hands-on case study: Creating an executive dashboard

Module 5: KPI Tracking and Performance Monitoring

- Identifying business-critical KPIs
- Setting thresholds and alerts for key metrics
- Real-time monitoring using dashboards
- Integrating predictive analytics for forecasting
- Hands-on case study: Finance performance dashboard

Module 6: UX/UI Principles for Dashboards

- Understanding end-user requirements and persona-based design
- Color theory, typography, and layout best practices
- Improving dashboard usability and accessibility
- Testing dashboards with users and iterating design
- Hands-on case study: Designing a user-centric operational dashboard

Module 7: Dashboard Deployment and Sharing

- Publishing dashboards to web, mobile, and enterprise portals
- Configuring access permissions and security
- Collaboration and sharing with stakeholders
- Embedding dashboards in presentations and applications
- Hands-on case study: Enterprise-level dashboard deployment

Module 8: Capstone Project and Case Studies

- Integrating multiple concepts into a comprehensive dashboard project
- Solving real-world business scenarios through dashboards
- Peer review and feedback sessions
- Iterative improvements based on user testing
- Hands-on case study: End-to-end dashboard solution for a business unit

Training Methodology

- Interactive instructor-led sessions with live demonstrations
- Hands-on exercises and real-world case studies
- Group discussions and collaborative projects
- Individual assignments to reinforce learning
- Continuous feedback and assessment
- Scenario-based learning to simulate real business challenges

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

Ready to enroll or request a customized program? Book online or contact us:

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