Dashboards for Health Monitoring Programs Training Course

Professional Development Training Course Outline

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

Course Introduction

In today’s data-driven health sector, dashboards have become indispensable tools for monitoring, evaluating, and optimizing health programs. Dashboards for Health Monitoring Programs Training Course equips professionals with practical skills to design, implement, and interpret interactive dashboards, enabling real-time insights, evidence-based decision-making, and program performance tracking. Participants will learn how to transform complex health data into visual, actionable intelligence that informs policy, enhances reporting, and drives impactful health interventions.

This course emphasizes hands-on learning, case-based exercises, and advanced visualization techniques to empower health professionals, program managers, and data analysts with the ability to synthesize large datasets, identify trends, and communicate key insights effectively. By integrating modern analytics, data visualization best practices, and performance metrics, participants will be prepared to create dashboards that enhance transparency, accountability, and operational efficiency in health monitoring programs.

Programme Curriculum

Dashboards for Health Monitoring Programs Training Course

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5 days

Course Objectives

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

1. Develop interactive and user-friendly health program dashboards.
2. Apply data visualization best practices for health monitoring.
3. Transform raw health data into actionable insights.
4. Implement real-time monitoring systems for health programs.
5. Utilize key performance indicators (KPIs) to track program effectiveness.
6. Integrate multiple data sources into comprehensive dashboards.
7. Employ evidence-based decision-making strategies in health programs.
8. Use trend analysis and predictive analytics for health outcomes.
9. Enhance program reporting and communication through visualization.
10. Ensure data quality, integrity, and security in dashboards.
11. Customize dashboards for different stakeholders and decision-makers.
12. Analyze health equity and disparities through visual tools.
13. Evaluate program impact and outcomes using advanced metrics.

Target Audience

1. Health program managers
2. Monitoring & Evaluation (M&E) specialists
3. Data analysts in health programs
4. Public health officers
5. Health informatics professionals
6. Policy makers and decision-makers in health sectors
7. NGO and donor program officers
8. Healthcare IT specialists

Course Modules

Module 1: Introduction to Dashboards for Health Monitoring

- Overview of dashboards in public health programs
- Key components of an effective health dashboard
- Understanding audience and stakeholder needs
- Difference between dashboards, reports, and scorecards
- Case study: COVID-19 monitoring dashboard

Module 2: Health Data Sources and Integration

- Identifying primary and secondary health data sources

- Importing and linking multiple datasets
- Cleaning and preparing data for dashboards
- Ensuring data quality and integrity
- Case study: Integrated maternal health data dashboard

Module 3: Dashboard Design Principles

- Visual hierarchy and layout best practices
- Choosing the right charts and graphs
- Color theory and accessibility considerations
- Storytelling through data visualization
- Case study: Immunization coverage dashboard

Module 4: Key Performance Indicators (KPIs) for Health Programs

- Defining program-specific KPIs
- KPI alignment with health outcomes
- Benchmarking and target setting
- Real-time vs. periodic monitoring
- Case study: HIV program KPI dashboard

Module 5: Interactive Dashboards and User Experience

- Features of interactive dashboards
- Drill-downs, filters, and dynamic visualizations
- User customization and personalization
- Evaluating user engagement and usability
- Case study: Tuberculosis treatment adherence dashboard

Module 6: Advanced Data Visualization Techniques

- Using geospatial maps for health monitoring
- Trend analysis and forecasting
- Heatmaps and cohort analyses
- Highlighting anomalies and outliers
- Case study: Malaria outbreak monitoring dashboard

Module 7: Reporting, Sharing, and Communication

- Exporting dashboards and creating reports
- Integrating dashboards into organizational workflows
- Communicating insights to non-technical stakeholders
- Dashboard storytelling and narrative building
- Case study: National health policy dashboard

Module 8: Monitoring, Evaluation, and Dashboard Sustainability

- Continuous dashboard improvement strategies
- Evaluating impact of dashboards on program outcomes
- Data governance and ethical considerations
- Training staff for dashboard adoption
- Case study: Long-term health program performance dashboard

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

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

Start Date	End Date	Location	Price
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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