Gender and Health Data Analysis Training Course

Professional Development Training Course Outline

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

Course Introduction

In today’s evidence-driven world, understanding the intersection of gender and health is critical for effective policy-making, program design, and sustainable development. Gender and Health Data Analysis training course empowers participants with the skills to collect, manage, and analyze gender-disaggregated health data using advanced statistical tools, ensuring evidence-based interventions that promote equity and inclusivity. Through practical applications and real-world case studies, participants will gain the capacity to identify health disparities, monitor gender-sensitive indicators, and generate actionable insights that drive transformative health outcomes.

This course emphasizes data-driven decision-making, gender equity, health systems strengthening, and analytical rigor. By integrating quantitative and qualitative methods, participants will learn to harness health data for advocacy, policy influence, and program evaluation. The course blends interactive workshops, hands-on exercises, and collaborative learning approaches to enhance skills in statistical modeling, visualization, predictive analytics, and reporting. Participants will also explore emerging tools and technologies that facilitate gender-responsive health analysis in diverse contexts.

Programme Curriculum

Gender and Health Data Analysis Training Course

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Course Duration

5 days

Course Objectives

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

1. Apply gender-sensitive frameworks to health data analysis.
2. Collect, clean, and manage large health datasets with accuracy.
3. Conduct quantitative and qualitative analyses of gender-disaggregated data.
4. Use statistical software for health data visualization and interpretation.
5. Identify and report gender-based health disparities.
6. Develop actionable insights for evidence-based policy-making.
7. Integrate intersectional approaches in health data evaluation.
8. Monitor and evaluate gender-sensitive health programs.
9. Communicate analytical findings to policymakers and stakeholders effectively.
10. Design predictive models to anticipate health outcomes.
11. Interpret global and local health indicators in a gender context.
12. Utilize dashboards and digital tools for real-time gender health analytics.
13. Promote data-driven advocacy for gender equity in health.

Target Audience

1. Health data analysts and statisticians
2. Public health professionals
3. Gender and development specialists
4. Policy makers and program managers
5. Epidemiologists and biostatisticians
6. NGO and civil society health practitioners
7. Research scholars in health and social sciences
8. ICT professionals supporting health data systems

Course Modules

Module 1: Introduction to Gender and Health Data

- Understanding gender concepts in health
- Key gender-sensitive health indicators
- Sources of health data and surveys
- Case study: Gender gaps in maternal health in Kenya
- Ethical considerations in health data collection

Module 2: Data Collection and Management

- Designing gender-sensitive surveys
- Database management systems for health data
- Data cleaning techniques and validation
- Case study: WHO Global Health Observatory data
- Ensuring data quality and reliability

Module 3: Quantitative Analysis Techniques

- Descriptive statistics for gendered data
- Inferential statistics applications
- Regression analysis for health outcomes
- Case study: HIV prevalence by gender in Sub-Saharan Africa
- Using R and SPSS for analysis

Module 4: Qualitative Data Analysis

- Coding gender-related narratives
- Thematic and content analysis
- Integrating qualitative findings with quantitative data
- Case study: Gendered experiences of mental health in urban populations
- NVivo for qualitative health research

Module 5: Data Visualization & Reporting

- Creating dashboards and interactive visuals
- Infographics for gender health communication
- Storytelling with health data
- Case study: Gender disparities in COVID-19 vaccination
- Tableau and Power BI for visual analytics

Module 6: Intersectionality & Advanced Analytics

- Intersectional analysis of health data
- Multivariate statistical modeling
- Predictive analytics for health trends
- Case study: Intersection of gender, age, and socio-economic status in maternal mortality
- Machine learning applications in gender health data

Module 7: Monitoring & Evaluation

- Gender-sensitive program indicators
- Evaluation frameworks for health interventions
- Reporting tools for donor and stakeholder engagement
- Case study: Evaluating gender equity in immunization programs
- Using KPIs and dashboards for continuous improvement

Module 8: Data-Driven Advocacy & Policy Making

- Translating data into actionable policies
- Engaging policymakers and community stakeholders

- Crafting evidence-based advocacy campaigns
- Case study: Gender equity in national health policy design
- Strategies for global health advocacy

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

Start Date	End Date	Location	Price
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:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com