GTC Transforming Emerging Economies

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AI and Data Tools for Monitoring & Impact Measurement

COURSE OVERVIEW

AI and Data Tools for Monitoring & Impact Measurement examines how artificial intelligence, machine learning, and advanced analytics are transforming the way organizations monitor projects and measure social, environmental, and economic impact. By automating data collection, enhancing accuracy, and generating predictive insights, AI-driven tools improve decision-making and strengthen accountability in donor-funded, development, and corporate impact initiatives. This course equips participants with practical applications, frameworks, and case studies to leverage AI and data for more efficient monitoring systems and evidence-based impact measurement.

WHO SHOULD ATTEND?

This course is tailored for monitoring and evaluation (M&E) specialists, data analysts, project managers, and program officers seeking to enhance their use of technology in tracking outcomes and impacts. It is particularly valuable for professionals in NGOs, international development agencies, government institutions, and foundations, as well as consultants and researchers aiming to integrate AI and advanced data analytics into monitoring and impact reporting frameworks.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Explain the role of AI in monitoring and impact measurement.
- Apply AI-driven tools for automating data collection and analysis.
- Use predictive analytics to forecast risks and opportunities.
- Integrate real-time dashboards for project monitoring.
- Evaluate the accuracy, efficiency, and ethical considerations of AI tools.
- Strengthen evidence-based decision-making with advanced analytics.
- Align AI-enabled monitoring with donor and stakeholder requirements.
- Draw lessons from global case studies of AI in impact measurement.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Advanced applications of AI in monitoring and evaluation.
- Data tools for automating collection and visualization.
- Predictive analytics methods for project and impact forecasting.
- Dashboards and visualization platforms for real-time tracking.
- Approaches to ensuring data quality, privacy, and ethics.
- Techniques for aligning AI insights with stakeholder reporting needs.
- Performance metrics for evaluating AI-enabled M&E systems.
- Case studies of organizations leveraging AI for impact measurement.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.
1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded