

Global Health Policy Analytics, Evaluation, and AI-Enabled Best Practices

COURSE OVERVIEW

This course explores the intersection of data science, artificial intelligence and public health policy to strengthen decision making based on evidence on a global scale. It emphasizes practical applications of AI in global health governance, monitoring and strategic policy formulation. Through a blend of theory, case studies and interactive sessions, participants will learn how to apply advanced analytical frameworks, AI-driven tools and policy evaluation methods to assess the impact of health interventions, optimize resource allocation and improve population health outcomes.

WHO SHOULD ATTEND?

This course is designed for health policy professionals, global health practitioners, public health analysts, data scientists, researchers and decision makers working in international organizations, government agencies, NGOs and healthcare institutions who are interested in leveraging data analytics and AI to drive impactful health policy and decisions.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Apply data-driven analytical techniques to evaluate global health policies and programs.
- Utilize AI tools to enhance health data interpretation, modelling, and forecasting.
- Develop and assess performance indicators for evidence-based policy evaluation.
- Integrate ethical and governance considerations in AI-enabled health systems.
- Formulate actionable recommendations for strengthening global health decision-making.
- Employ comparative analytics to benchmark global best practices and improve policy outcomes.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Developing data-driven strategies for effective policy design and implementation.
- Applying predictive analytics to anticipate health trends and challenges.
- How to analyze global health data for insightful policy evaluation.
- Use of AI tools to support informed health policy decisions.
- Methods to assess and improve health system performance worldwide.
- Frameworks for evaluating health programs and interventions.

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