

Digital Transformation and Innovation in Healthcare

Duration: 5 Days

Language: en

Course Code: PI1 - 130

Objective

Upon completion of this course, participants will be able to:

- Understand the principles of digital transformation in healthcare.
- Develop skills to implement and manage digital health technologies.
- Explore the role of data analytics, AI, and IoT in healthcare innovation.
- Learn strategies for driving organisational change and fostering innovation.
- Enhance their ability to design and lead digital health initiatives.

Audience

This course is intended for:

- Healthcare professionals
- Health IT specialists
- Hospital administrators
- Medical practitioners
- Data analysts and health informaticians
- Graduate students in health and technology fields

Training Methodology

The course employs a blend of instructional methods, including:

- Interactive lectures
- Hands-on technology demonstrations
- Group discussions and case studies
- Expert-led Q&A sessions
- Comprehensive course materials and resources

Summary

This advanced course explores the impact of digital transformation and innovation in the healthcare sector. Participants will gain insights into the latest digital technologies, learn to implement innovative solutions, and understand how to drive change in healthcare organisations. The course combines theoretical knowledge with practical applications, preparing healthcare professionals to lead digital transformation initiatives effectively.

Course Content & Outline

Section 1: Introduction to Digital Transformation

- Overview of digital transformation in healthcare
- Key drivers and trends in digital health
- Digital maturity and readiness assessment

Section 2: Digital Health Technologies

- Electronic Health Records (EHRs) and Health Information Systems (HIS)
- Telemedicine and remote patient monitoring
- Mobile health (mHealth) applications and wearable technologies

Section 3: Data Analytics and AI in Healthcare

- Role of big data and data analytics in healthcare
- Machine learning and artificial intelligence applications
- Predictive analytics and personalised medicine

Section 4: IoT and Connected Health

- Internet of Things (IoT) in healthcare
- Smart devices and connected health ecosystems
- Integration and interoperability of digital health systems

Section 5: Implementing and Leading Digital Transformation

- Strategies for driving digital innovation in healthcare organisations
- Change management and organisational culture
- Case studies of successful digital transformation projects
- Course review and expert Q&A

Certificate Description

Upon successful completion of this training course, delegates will be awarded a Holistique Training Certificate of Completion. For those who attend and complete the online training course, a Holistique Training e-Certificate will be provided.

Holistique Training Certificates are accredited by the British Assessment Council (BAC) and The CPD Certification Service (CPD), and are certified under ISO 9001, ISO 21001, and ISO 29993 standards.

CPD credits for this course are granted by our Certificates and will be reflected on the Holistique Training Certificate of Completion. In accordance with the standards of The CPD Certification Service, one CPD credit is awarded per hour of course attendance. A maximum of 50 CPD credits can be claimed for any single course we currently offer.

Categories

Healthcare & Pharmaceutical, IT & Computer Application, Technology, Health, Safety & Environment HSE

Tags

Innovation, Digital Innovation, Healthcare, Digital Transformation

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