

BM6063

DATA ANALYTICS

for Cancer Real World Data Research



INFORMATION

- **Course Start Date:** 8th September 2025
- **Duration:** 6 Weeks
- **Application Deadline:** Friday, 22nd August 2025
- **Course Type:** Professional or Flexible, Online
- **Qualification:** NFQ Level 9 Minor Award
- **Fees:** €1,250
- **Weekly Time Commitment:**
Total 15 hours
 - 2hr Lecture/Discussion,
 - 2hr Practical/Tutorial
 - Remainder self-study.

PROGRAMME CONTENT

You will learn about:

- Federated Data Analysis
- Health data ontologies
- Software tools for ETL (Extract, Transform, Load) processes
- Concept and Study Design
- Advanced Cancer Data Types

WHO IS THIS COURSE FOR?

This module will provide practical experience and upskill researchers, data scientists and health informatics professionals who manage, curate or analyse **cancer electronic health data** and/or are engaged in cancer **real-world evidence** research. By working with real-world cancer data, participants will gain exposure to new design thinking and tools, enhance their institution's data analysis capability, and learn from peers in the data-driven healthcare community, all while building skills to contribute to federated data sharing and secondary analysis efforts.

ENTRY REQUIREMENTS

- **Min. Level 8** (2:1 or above) in engineering, computing, maths, science, or related discipline
- Proficient in **R** or **Python** or equivalent
- Experience with digitalisation within **healthcare** or **cancer data**.

