UNIVERSITY OF LIMERICK
OLLSCOIL LUIMNIGH

UL@Work

Faculty of Science and Engineering

Data Analytics

Part-Time Professional Diploma

NFQ Level 9 | 1 Year | Part-Time | Online Learning

Data analytics is a valuable tool for making informed strategic decisions. It has increased visibility in all sectors and disciplines, including ICT, pharma and healthcare, sports, education, media, technology, financial services, science, manufacturing, insurance, energy and utilities, the public sector, SMEs, and so much more. Because of this, there is increasing demand for these skills. This UL@Work course is for you if you and your organisation wish to become more data-driven with optimised performance. No prior programming experience is necessary.

This NFQ Level 9 Data Analytics Professional Diploma will equip you with practical skills such as data interrogation, visualisation, and predictive analytics. You will work with datasets from real-industry processes, producing digital dashboards that offer elevated insights to your organisation to drive business performance. We provide masterclasses from industry to show how data is used to enhance and transform business. You will gain:

- Improved critical decision-making for your organisation using data-driven models and use modelling to predict future trends.

- Tools to communicate business insights that will empower you to make strategic recommendations using R-Shiny data visualisations and digital dashboards.

- A strengthened ability to analyse, summarise, visualise, and report on insights extracted from a dataset using real-world examples from your organisation.

EXPLORE THE COURSE MODULES:

- Introduction to Predictive Analytics
- Advanced Predictive Analytics
- Data Analytics with R Programming Language
- Statistical Learning with Applications
- Future-Focused Professional Portfolio 1 & 2

THIS PROGRAMME IS FOR YOU IF:

- You work in any of the industries highlighted above and need to produce reports to make informed decisions.

- You are a manager/supervisor/team leader tracking team KPIs.

- You would like to expand your skill set to enrich your current role or reskill to move into a new position.

Take your curiosity one step further; find out more.

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