Anailísiú Sonraí do Dhaoine Gairmiúla
Data Analysis for Professionals

Who is it for? CPD Diploma in Data Analysis for Professionals is a one-year part-time programme that teaches the technical skills, tools and techniques required to work in data analysis. It is delivered in the evenings, thus supporting a healthy study-work-life balance. The programme is aimed at professionals across a wide range of sectors, such as, business, accounting and finance, science or engineering who are seeking to develop the highly sought after core skills associated with statistical data analysis.

What will I study? The programme provides the statistical and mathematical knowledge required to extract critical information from business and industry data sets. It is a blend of theory and practice with a strong emphasis on the use of modern software and includes an industry-linked business case study project. Topics include statistical inference, regression models, criterion-based decision making and quantitative forecasting.

What are the career opportunities?
Graduates are ready to apply an advanced understanding of data analysis, problem formulation and solution strategies in industry by implementing modern approaches, techniques and software. They are therefore highly valued, being not only innovative and creative but also extremely practical, able to deliver on complex and dynamic problems.

Other information:
Data Analysis for Professionals is particularly relevant for those wishing to up-skill or re-skill and has been delivered as a part-time programme contributing to recent government-backed initiatives.

Contact:

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Staitisticí Feidhmeacha
Applied Statistics

Who is it for? Our knowledge-based economy relies upon evidence-based decision making. It requires individuals with a strong understanding of data inference and predictive modelling to analyse data and make accurate forecasts. This one-year programme is both for professionals wishing to develop the statistical and data analysis skills to make informed and insight-led decisions and for researchers who use statistical analysis and statistical modelling techniques.

What will I study? You will become skilled in statistical modelling and data analysis with the ability to extract critical information from data sets using modern software. The programme is delivered in the evenings to support a study-work-life balance and blends underlying theory and practice with an emphasis on the use of software.

What are the career opportunities?
Global industry demands individuals who understand the value of data and who ask the key questions. Graduates will be ready to take up data analysis and data scientist roles in sectors such as finance, manufacturing and engineering, internet technology, healthcare, government and non-profit organisations.

Why study at TU Dublin? We are the first Technological University in Ireland and have a long history of part-time education. Mathematical Sciences is part of the state-of-the-art Grangegorman development – a new, purpose-built campus, in the heart of Dublin, with 21st-century facilities.

Other information:
We also offer opportunities to study individual modules and topics.

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