JOB DESCRIPTION

Power BI Developer
DCU Quality Promotion Office (QPO)
30-month contract

Dublin City University
Dublin City University (DCU) is a young, ambitious and vibrant university, with a mission 'to transform lives and societies through education, research, innovation and engagement'. Known as Ireland's 'University of Enterprise', DCU is a values-based institution, committed to the delivery of impact for the public good. DCU was named Sunday Times Irish University of the Year 2021.

DCU is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. More than 18,000 students are enrolled across five faculties – Science and Health, DCU Business School, Computing and Engineering, Humanities and Social Sciences and DCU Institute of Education.

DCU is committed to excellence across all its activities. This is demonstrated by its world-class research initiatives, its cutting-edge approach to teaching and learning, its focus on delivering a transformative student experience, and its positive social and economic impact. The university continues to develop innovative programmes in collaboration with industry, such as the DCU Futures suite of degrees, which are designed to equip graduates with the skills and knowledge required in a rapidly evolving economy.

DCU's pursuit of excellence has led to its current ranking among the top 2% of universities globally. It is also one of the world's Top Young Universities (QS Top 100 Under 50, Times Higher Top 150 Under 100). In the Times Higher Education University Impact Rankings 2021, DCU ranked 23rd in the world for its approach to widening participation in higher education and its ongoing commitment to eradicating poverty, while it ranks 38th globally for its work in reducing inequality and 89th globally for gender equality.

The university is ranked 23rd in the world and first in Ireland for its graduate employment rate, according to the 2020 QS Graduate Employability Rankings. Over the past decade, DCU has been the leading Irish university in the area of technology transfer, as reflected by licensing of intellectual property.

DCU Quality Promotion Office (QPO)
The DCU Quality Promotion Office (QPO) has been established to promote, support, and facilitate quality improvement activities across academic and administrative units throughout the University. The Unit co-ordinates and supports the University internal quality review process, providing assistance and advice to Heads of Schools, Deans of Faculties and Directors of Units, as well as providing analysis and information to support an evidence-informed approach to reflection, evaluation and planning as part of the review process.

In addition, the Unit is responsible for providing analysis and reporting as part of the university's approach to performance monitoring and evidence-informed decision-making, quality enhancement

and strategic planning. This work extends to the working with a range of national statutory and other agencies to ensure reporting at a national level on a range of student-based reports.

Role Profile
The DCU Quality Promotion Office (QPO) is seeking to appoint a Power BI Developer to contribute to the University's development of Power BI dashboards and reports to the University community.

The post holder will report to the Director of Quality Promotion and Institutional Research, and will be a key member of a small and vibrant team within the University. The post-holder will work closely with QPO team colleagues, and members of staff across the University to develop and publish Power BI reports and dashboards to support operational and management decision-making at DCU. The post provides an opportunity for the successful candidate to work across the University, with a broad range of stakeholders in defining and developing valuable reports, which will support the enhancement of the student experience, and effectiveness at the University.

Duties and responsibilities
The duties and responsibilities include but are not restricted to the following:

- Understand business requirements in BI context and design data models to transform raw data into meaningful insights
- Convert business requirements into technical specifications and determine timeline to accomplish report delivery using MS Power BI
- Create dashboards and interactive visual reports using MS Power BI, presenting data through reports that aid decision-making
- Contribute to the development of a Power BI governance framework using proven best practices
- Maintain and promote a consistent and secure Power BI data modelling practice
- Manage the maintenance and development of the access control portal related to our frontend BI applications
- Be an advocate for the use of dashboard reporting to support decision-making by a wide range of university stakeholders
- Create relationships between data and develop tabular and other multidimensional data models
- Chart creation and data documentation explaining algorithms, parameters, models, and relations
- Design, develop, test, and deploy Power BI scripts and perform detailed analytics
- Build DAX queries and functions in MS Power BI
- Facilitate scheduling of reports were required

Qualifications and Experience

Candidates must have a primary degree or equivalent (NFQ Level 7), in an appropriate area such as data analysis, computing or business plus 3 years' relevant experience

In addition, the ideal candidate will have
- Experience in working with non-technical stakeholders in gathering end-user reporting requirements
- Good knowledge of data design, data preparation, data modelling, data management, and data visualisation
- Proven professional experience in Power BI, with a Power BI certification highly advantageous

- Experience in creating reports visualize data in the best possible way for non-technical users through charts/reports/dashboards.
- An analytical mind-set, with a focused approach to problem-solving
- An ability to work accurately and independently while meeting schedules and keeping to strict deadlines
- A strong data mind-set, with an understanding of good data modelling, governance, GDPR
- Strong interpersonal skills and an ability to build and maintain excellent working relationships
- A high level of competence in desk-top based analysis and presentation tools, which may include Excel, Word, PowerPoint etc. Knowledge of scripting languages and programming languages like Python, SQL, creation of DAX expressions an advantage
- A willingness to stay updated with advancements and best practices in design and development