Information Systems Services (ISS)
Data Analyst/Developer
Full Time Permanent

Dublin City University (www.dcu.ie) is a research-intensive, globally-engaged, dynamic institution that is distinguished both by the quality and impact of its graduates and by its focus on the translation of knowledge into societal and economic benefit. Through its mission to transform lives and societies through education, research and innovation, DCU acts as an agent of social, cultural and economic progress. DCU is Ireland’s fastest growing university, and now hosts more than 17,000 students across its three academic campuses: DCU Glasnevin Campus, DCU St Patrick’s Campus and DCU All Hallows campus.

Information Systems Services (ISS)
The ISS Department is a central support unit responsible for providing a complete ICT service to the university's various schools, units, research centres and campus companies. In addition to working closely with all stakeholders across DCU to ensure quality service delivery, ISS is responsible for the university’s extensive ICT infrastructure estate servicing our three academic campuses. For further information, please visit https://www.dcu.ie/iss/

ISS plays a key role in supporting DCU in achieving the objectives set out in its Strategic Plan: Talent, Discovery and Transformation 2017-2022.

Role Profile
Reporting to the Enterprise Architect/IT Operations Manager, the Data Analyst/Developer will support the design and implementation of strategic data driven initiatives including working with subject matter experts and a wider stakeholder group to design and implement innovative solutions to assist with the achievement of ISS and organisation objectives.

Duties and responsibilities include, but are not confined to the following:

- Perform data mapping activities for the design and implementation of system integration interfaces
- Complete interface technical design documentation for input to the integration development process
- Applying integration standards in a consistent manner across all integration development
- Support the system integration developers to build new integrations and migrate current point to point integration using a modern enterprise integration platform
- Work with the technical team to ensure that any new systems or system enhancements are considered in the context of integrated solutions within the University’s data architecture
- Provide guidance for stakeholders across the University regarding the analysis of data and the quality assurance of data
- Using data reporting tools to extract and present data in charts, tables, and other visualizations so users can find useful information
- Support database administration (DBA) activities
- Manage the production of documentation, training material and web resources and data related activities as required
- Manage the relationship with external project partners to ensure acceptable service delivery and customer satisfaction
Duties may change over time and other duties may be assigned by the Director of ISS or the Enterprise Architect.

Candidate Requirements:

-Essential

- Primary degree level qualification (NQV Level 7) in Computer Science, Engineering or other relevant area
- Sound comprehension of the cross-institutional dimensions of enterprise systems, system integration, ICT infrastructure and the associated service delivery within a complex and highly devolved environment
- Significant knowledge of major technological developments influencing enterprise ICT infrastructure provision and management
- Proven capability to work under pressure and deliver benefits in a business critical service environment
- In-depth knowledge and experience of:
  - APIs and related technologies
  - Databases technologies and DBA skills
  - Software development lifecycle
  - Oracle based reporting using SQL/OBIEE
  - Data reporting tools such as Power BI and Tableau
- Significant degree of technical competency including practical understanding of:
  - Using databases and software tools to analyse and present data
  - Scripting/programming languages
- At least 5 years’ senior level experience with ICT systems, design, deployment and administration
- Proven ability to produce detailed documentation to a high standard
- Excellent communication skills, including ability to influence and liaise with staff at all levels and to resolve conflict
- A flexible, adaptable outlook
- A team player
- Self-motivated, showing initiative and sound decision making
- Committed to continuing professional development for self and others

-Desirable

- Knowledge of project design and management methodologies
• Working knowledge of:
  o Modern integration platforms such as Dell Boomi or Mulesoft
  o Linux
  o Monitoring tools
  o Hosted cloud services (AWS or Azure)
  o IT security

Mandatory training
The post holder will be required to undertake the following mandatory compliance training: GDPR and Compliance. Other training may need to be undertaken when required.