

Business Analytics

Your Careers Advisers

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Skills developed in college

You've developed a range of skills through your education, work experience and personal interests and achievements.

Understanding what skills you have to offer and like to use can help you understand what you want in a career, as well as providing key information for job or further study applications.

In terms of securing a job, academic qualifications alone will not guarantee success. Evidence-based skills sections on your CV can demonstrate the broad range of qualities you have to offer employers.

- [Below](#) are some of the main skills you may have developed while in college:
- Apply analytics, information management, software development and business processes in a commercial context
- Extract data from multiple sources. Sift and analyse the data from multiple angles, looking for trends that highlight problems or opportunities
- Assess the effectiveness and accuracy of data sources to address key business objectives
- Understand concepts and function of the business intelligence process and place these in the overall context of the strategic objectives of an organisation
- Scope and deliver Big Data solutions
- Identify data patterns and drivers that are uncovered in the process and report on them
- Deliver data reports, presentations and visualisations
- Deliver complex analysis to non-technical stakeholders
- Work with diverse stakeholders across the organisation and gain consensus and agreement
- Work with customers and customer-facing teams to gather requirements and deliver relevant reporting
- Validate, monitor and drive continuous improvement to methods, and propose enhancements to data sources that improve usability and results
- Work as a team member, recognising the different roles within a team and
- Different ways of organising teams
- Exercise numeracy skills and use effectively general IT facilities
- Manage personal development including using time management and organisational skills.

[You may also have developed a wide range of technical/specific course related skills](#)

Types of employers/industry sectors

Some of the main types of employers/industry sectors in which Business Analytics graduates work include:

A Business Analytics degree prepares you for a career/s stretching across many sectors and industries. Career options are varied. Decide on the area you want to work in and try to get relevant work experience in the form of a structured work placement, part-time job, voluntary work or work shadowing. Some courses include a placement in industry. Use this time to develop your skills further and to establish contacts within the industry. Common employers are companies in the pharmaceutical, finance, insurance, telecommunications, healthcare and retail sectors, as well as cloud computing, IT consultancies and IT service providers. Prospective employers include any company that requires detailed, robust analysis of data sets.

Business Analytics is a course of study that covers statistics, logic, computational thinking and business studies from a commercial or business perspective. This course opens up a wide range of career opportunities in all sectors of the economy in organisations that need to understand their available data sets to strengthen their strategic decision making process.

Here are some examples of employing organisations who may value either the subject knowledge or skills Business Analytics graduates have to offer:

- industrial & commercial organisations
- financial sector
- pharmaceutical & health sector
- gaming & entertainment sector
- retail sector
- management & IT consultancy
- food & agriculture sector
- public sector: government & local authorities
- major recruiters offering graduate training schemes
- self-employment may also provide an opportunity for graduates

For sector information see:

- www.gradireland.com
- www.careersportal.ie
- www.prospects.ac.uk
- www.targetjobs.co.uk

Career options with your course

Some of main occupations and job profiles secured by Business Analytics graduates include:

- Data Analyst/Big Data Analyst
- Business Intelligence Analyst
- Data Specialist
- Data Engineer
- Insights Analyst/Customer Value Insights
- Business Analyst
- IT Consultant
- Database Engineer/Developer
- Database Administrator
- Software Engineer
- Software Developer
- Project Manager
- Accounts Manager
- Support Analyst
- Business Process Manager

Job Hunting

It is important that you access both the advertised and hidden jobs market and use any and every means available to you to job hunt effectively.

Advertised Jobs

Most University and IT Careers Services have jobs listings on their websites:

www.tudublin.ie/jobscene

Graduate programmes and immediate vacancies

www.prospects.ac.uk & www.targetjobs.co.uk

Graduate jobs UK

www.gradireland.com

Immediate jobs/Summer/Graduate programmes

www.mondotimes.com

Local and national press

www.publicjobs.ie

www.localgovernmentjobs.ie

Public service

www.irishjobs.ie/agencies

Complete list of recruitment agencies/online recruitment sites

Company Websites - Immediate vacancies and Internships

www.tudublin.ie/careers

Internet sites:

- www.jobs.ie
- www.glassdoor.ie
- www.jobsireland.ie
- www.monster.ie
- www.recruitireland.com
- www.indeed.ie

Other

- Careers fairs – Gradireland Fair – Autumn and Summer Fair, Chartered Accountants Ireland Fair, plus many others
- Specialist Magazines & Publications, e.g. Technology Ireland, Irish Software Association newsletter, etc.
- Notice boards/Student email account/Lecturers

Voluntary Sector/Charities

www.activelink.ie

Voluntary Sector/Charity/NGO vacancies in voluntary sector

www.volunteeringireland.com

www.dochas.ie

Association of non-governmental development organisations

www.comhlahm.org

Volunteering opportunities

www.wheel.ie/directory

Directory of voluntary and community organisations

Unadvertised Jobs

Networking

- Job shadow/informational interviewing/work experience.
- Use help from anyone in your network – friends/family/neighbours/colleagues/friends from clubs and societies.
- Get in touch with past guest speakers.
- Utilise 'First Destination Reports' – shows where past graduates have secured work.
- Professional Bodies.
- Join Alumni Association/LinkedIn TU Dublin Alumni group.
- Find a mentor/keep a job hunting record.
- Utilise contacts gained from: thesis/college work, projects, dissertation, group project
- Utilise contact made through guest lecture series/ previous graduates speakers.
- Business and Other Associations

Contact companies directly

- Speculative applications + cold calling. Think about your offering
- Contact organisation with ideas (ways to reduce costs, make them more money, speed up R+D, Your Unique Selling Point)
- Utilise directories – Kompass.com, IDA, Marketing Services Directory, professional bodies, golden pages

Entrepreneurship

- Freelancing/Self-employment – Hothouse, TU Dublin, Aungier Street
- Start-up companies – www.startupdublin.com, dublinstartupjobs.com
- FDI and indigenous – www.makeitireland.com, www.itshappeninghere.ie
- <https://angel.co/> - start up jobs worldwide

Track companies

- Scholarships/Competitions/Blogs / Guest lecturer
- Check out Labour Market trends, www.careersportal.ie, IDA, IBEC (Retail/Financial Services), www.tudublin.ie/careers (labour market news)
- Search newspaper business pages on-line to get success stories on businesses as they are growing – TU Dublin Careers website (labour market news)
- Check out industry award recipients,
- Best Workplaces in Ireland (download on gradireland.com)

Other proactive ideas

- Social networking sites (facebook, twitter, LinkedIn, Facebook, Blog, Discussion Groups) Linked-In (set up a profile, link to others, search for companies - employees who have Linked-in profiles, advertised jobs)
- Follow target companies on facebook, linked-in, twitter
- Think of small companies not just big brands
- Consider alternative roles (marketing, sales, PR)
- Undertake voluntary work

For more information on how to go about finding a job and job-hunting sites, [See www.tudublin.ie/careers](http://www.tudublin.ie/careers)

Interviews

For more information on how to perform in interviews, [See www.tudublin.ie/careers](http://www.tudublin.ie/careers)

CVs/Cover letters and applications

For information on how to put together a great CV/Cover Letter or Application, [See www.tudublin.ie/careers](http://www.tudublin.ie/careers)

Useful Websites

This list contains links to some of the most useful websites for your course including professional bodies and associations, employer directories and information sources.

- Irish Software Association www.software.ie
- Irish Internet Association www.iaa.ie
- Irish Computer Society www.ics.ie
- ICT Ireland www.ictireland.ie
- Chartered Institute for IT (British) www.bcs.org/
- Institution of Analysts and Programmers www.iap.org.uk/main/
- [Analytics Institute](http://www.analyticsinstitute.org) www.analyticsinstitute.org
- [Institute of Analytics](http://www.ioaglobal.com) www.ioaglobal.com
- [Global Digital Skills Foundation](http://www.i-cando.ie) – www.i-cando.ie

Careers open to all disciplines (Including 'Paths Into...' Series)

Many graduate vacancies don't require specific degree subjects as possession of a degree is taken as evidence of intellectual ability. What is more important to the potential employer is the range of transferable skills and experience you can demonstrate.

Many graduate training programmes take final year students from a wide range of disciplines, register with the [Career Development Centre's Jobsence](#) for a full list of programmes. Here is a range of career areas that are potentially open to graduates of all disciplines. It's important to note that some of these options may require further study either on the job or beforehand.

If you are considering diversifying or changing career direction a postgraduate conversion course may be a viable option.

Some examples of career areas open to students of all disciplines:

- Teaching & Education
- Financial Services & Accounting
- Marketing, Advertising and PR
- Retail, Sales and Customer Service
- Banking, insurance and financial services
- Charities and voluntary sector
- Fund management / administration and investment banking
- Human resources, recruitment and training
- Management consulting
- Management, business and administration
- Media and publishing
- Public sector and civil service
- Social, community and youth

For further information see: www.gradireland.com/career-sectors

Further Study

Are you considering further study or training? See www.tudublin.ie/careers for comprehensive information

Conversion courses

Some graduates find that their primary degree did not meet their expectations, either vocationally, academically or personally, and seek change career direction. Conversion courses offer the opportunity to diversify into another chosen career area while meeting the necessary entry requirements for that discipline. However, it should be noted that this is not the case for all disciplines e.g. disciplines such as science and engineering will require an undergraduate degree in that discipline.

As with all choices good research and planning are very important.

Self Employment

Ever thought of being your own boss? Think you have an innovative product or service idea that could have commercial value? Want to commercialise your research? See www.tudublin.ie/careers

Other Options (e.g. Time out, travel etc.)

Volunteering and working with communities with is a great way to gain valuable real world experience, to develop new skills, to meet new people, to do something worthwhile and to improve your employability. For more details, see www.tudublin.ie/careers.

Labour Market Information

For information on the latest labour market trends see www.tudublin.ie/careers.

Additional Information / Advice

For any query you might have, please do not hesitate to get in touch with us.