

Wade Doolan

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Summary

I have worked in a number of roles within the public and private sectors. These roles required research, statistical analysis, administration, information technology and communication skills. I'm currently employed with the Office of Industrial Relations (Queensland Government) as a Principal Labour Market Analyst, which involves economic data analysis, modelling, query development, problem solving, report writing, report automation and working autonomously and as part of a team to meet deadlines.

My key strengths include:

- A strong understanding of statistics, mathematics, economic modelling, and databases.
- Advanced skills in Python, R, DAX, SAS (including Proc SQL), Oracle SQL, Microsoft Office suite and an ability to quickly learn in-house software systems.
- Ability to develop complex database queries using Oracle SQL, SAS Proc SQL, SAS Base Programming and SAS macros, R and Python.
- Ability to develop complex macros using the Visual Basic for Applications (VBA) programming language.
- Ability to think logically as well as laterally.
- Strong written and oral communication skills.
- Excellent ability to build relationships with people from different backgrounds and disciplines.

Qualifications/Academic Achievements

Graduate Diploma in Economics, University of Queensland

2013 to 2017 (graduated: Dean's Commendation for Academic Excellence) — St Lucia Campus, Brisbane.

Units completed (official academic transcript available upon request):

- Statistics for Business and Economics — High Distinction.
- Foundations in Microeconomics — High Distinction.
- Foundations in Macroeconomics — High Distinction.
- Consumer and Firm Behaviour — High Distinction.
- Mathematical Techniques for Economics — Distinction.
- The Macroeconomy — High Distinction.
- Elements of Econometrics — Distinction.
- Finance (incl. financial mathematics) — High Distinction.
- Economics of Financial Markets — High Distinction.
- Research Methods in Economics — High Distinction.

Graduate Diploma in Occupational Health and Safety, Queensland University of Technology

2008 (graduated with Distinction) — Kelvin Grove Campus, Brisbane

Post-Graduate Certificate in Special Education, Griffith University

2004 to 2005 (graduated) — Mt Gravatt Campus, Brisbane

Bachelor of Education (Secondary), Queensland University of Technology

1993 to 1998 (graduated) — Kelvin Grove Campus, Brisbane

Recent Employment History

Principal Labour Market Analyst, Data and Evaluation Services, Office of Industrial Relations (Queensland Government)

2020 to date —Brisbane

General duties include:

- Conducting economic analyses and reporting the results. For example,
 - Writing briefing notes relating to labour force, wage price index and national accounts data
 - Working with multiple parties to develop the Queensland Government's submission for the Annual Wage Review to the Fair Work Commission.
- Assisting with the development of key statistical reports for external publication. For example,
 - Writing annual key work health and safety statistics and industry reports.

Key Achievements:

- Developed a multi-page interactive Microsoft Power BI report to show trends in key economic indicators. This involved the use of R scripting to import data directly from the ABS into the data model and DAX to develop the key measures.
- Completed the 2020-21 Annual Wage Review and submitted to the Fair Work Commission prior to deadline.
- Conducted an economic analysis into the extent and nature of insecure or precarious employment in Australia as part of a submission to a Senate Select Committee inquiry into job security.

Senior Analyst, Data and Evaluation Services, Office of Industrial Relations (Queensland Government)

2016 to 2020 —Brisbane

General duties include:

- Conducting internal projections for the Review, Appeals and Medical Assessment Tribunal (MAT) departments using actuarial projection techniques (quarterly).
- Developing and updating generalised linear models (GLMs) to identify key drivers of trends within the Queensland workers' compensation scheme.
- Automation of regular reports relating to the Queensland workers' compensation scheme using Base SAS, Proc SQL, and the SAS macro language.
- Conducting complex analyses on a regular basis and reporting the results. For example,
 - Calculating the economic cost of workplace injuries in Queensland (every four years).

Key Achievements:

- Developed a complex SAS query using Base SAS, Proc SQL and SAS macros to automate annual and quarterly reporting for self-insurers throughout Queensland.
- Completed numerous statistical reports including, but not limited to, priority industry typology reports, key work health and safety statistics for Queensland, infographic postcards and economic cost of workplace injury report.

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Policy Officer (Data Analyst), Data and Evaluation Services, Office of Industrial Relations (Queensland Government)

2015 to 2016 —Brisbane

General duties include:

- Developing SQL queries to extract data in response to internal and external data requests.
- Updating and distributing an interactive monthly reporting dashboard, which displays performance metrics for Regional Directors.
- Maintaining the Queensland Notified Fatalities Register.
- Developing VBA programs, which allow team members to analyse and display data efficiently.
- Assisting team members with regular reporting requirements. Reporting requirements include but are not limited to:
 - Comparative Performance Monitoring (CPM)—reporting to Safe Work Australia (annually)
 - Service Delivery Statement (SDS) —reporting to the Deputy Director General (quarterly)
 - Quarterly Reporting —reporting to the Deputy Director General (quarterly).

Key Achievements:

- Developed an interactive monthly reporting dashboard for Workplace Health and Safety Regional Directors using VBA and advanced Microsoft Excel (Excel) formulas. The dashboard calculates and displays incident, complaint and statutory notice data.
- Developed a survey result reporting tool for the Injury Prevention and Management (IPaM) team using VBA and advanced Excel formulas. The reporting tool:
 - Allows users to easily upload survey data
 - Calculates and displays survey results in chart and table formats
 - Provides options to generate multiple PDF reports.

HSE Data Analyst/Advisor, Arrow Energy

2012 to 2014 —Brisbane

General duties included:

- Statistically analysing HSE incident data.
- Developing and maintaining business unit data registers.
- Investigating and managing HSE incidents.
- Working with contractors to ensure HSE procedures and processes have been developed and implemented.
- Pre-qualification and auditing of contractors.
- Facilitating document control for HSE documents.

Key Achievements:

- Developed a statistical analysis dashboard using advanced Excel skills. The dashboard calculates and displays the following:
 - Incident rate information in both numerical and chart formats
 - Probabilities based on Poisson and Exponential distributions
 - Forecasts and trends.

The use of these analysis techniques allows managers to better identify HSE related trends, forecast performance and address areas of concern.
- Developed online equipment and risk registers along with user forms using advanced Microsoft Excel and VBA programming skills.

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- Developed a business unit specific intranet page that displays relevant HSE information such as HSE documentation, incident alerts and current performance data.

Health and Safety Advisor, Origin

2009 to 2012 —Brisbane

General duties included:

- Development and implementation of corporate HSE procedures.
- Pre-qualification and auditing of contractors.
- Investigating and managing HSE incidents.

Key Achievements:

- Developed and implemented land transport and international travel procedures for the Exploration business unit.
- Developed, implemented and coordinated an innovative simultaneous operations (SimOps) communication process designed to identify potential conflict(s) between Principal Contractors (construction), Origin work groups and external companies working in the field. This involved:
 - o Working in consultation with the Information Technology Department to develop and implement an electronic communication process accessible by Origin and contractor personnel
 - o Forming and chairing a SimOps committee comprised of project construction managers, logistics managers and HSE team leaders
 - o Training and supporting SimOps field personnel.

Health and Safety Graduate, Thiess

2009 to 2009 — Mt Owen Open Cut Mine

General duties included:

- Conducting comprehensive risk assessments for various elements of the operation.
- Conducting Health & Safety training.
- Coordinating First Response training on site.
- Investigating and managing HSE related incidents.
- Facilitating the Rehabilitation and Return to Work process.

Key Achievements:

- Developed and implemented a hazardous material and dangerous goods register and risk assessment process for the site stores department.

Supply Teacher, Select Education and Supply Desk Teaching Agencies

2002 to 2006 — Various Schools (United Kingdom)

General duties included:

- Teaching mainstream high school students and students with special needs.
- Planning lessons to cater for all learning styles.
- Adapting curriculum for visually impaired students.

Key Achievement:

- Successfully developed and implemented several teaching programs and met all deadlines.

Mathematics and Science Teacher, Queensland Government

1999 to 2001 — Kingston College, Logan

General duties included:

- Planning, implementing and assessing teaching programs, exams and assignments.
- Teaching high school mathematics and science.

Key Achievements:

- Successfully developed and implemented a number of teaching programs and met all deadlines.
- Achieved a greater than 80% pass rate for all classes taught.

Skills, Achievements and Awards

Computer Skills

- Oracle SQL.
- Base SAS, Proc SQL and SAS Macro programming.
- R programming.
- Python programming.
- Microsoft Excel and Word — Advanced level.
- Microsoft Project, PowerPoint and SharePoint — Intermediate level.
- Visual Basic for Applications (VBA) programming skills.
- Computer networking skills.

Short Courses

- Advanced Power BI/DAX (Nexacu).
- Python certification (Nexacu)
- R programming (Nexacu).
- SAS statistics (SAS Training).
- Oracle Database 12c — SQL Workshop.
- Visual Basic for Applications (VBA) — Excel 2010.
- Advanced Microsoft Excel.
- SAI Global — Lead Auditor in OHS Management Systems.
- Safety Wise — Conduct Safety and Health Investigations.
- Certificate II in Information Technology.
- Senior First Aid.

Awards and Achievements

- QUT Nominee for the Safety Institute of Australia Medal (2008).
- **S1 Rating** with Education Queensland (Outstanding Applicant).

Referees

Details available on request.