

Daniel Bourke

Data Analyst / Microsoft Power Platform Developer

I am a Data Analyst / Power Platform Developer with a Masters of Chemical Engineering from the University of Western Australia (UWA). I have Microsoft Certifications in Power BI and Azure and I am proficient in PowerApps, Power Automate, SQL and Python. I am currently completing my certificate in Data Analytics from UWA.

I want to harness my passion for and understanding of Data, Software, Communication & Process Engineering to drive tangible business improvement.



Employment History

Data Analyst / Power Platform Developer (2019 - 2021)

Coogee Chemicals, Perth, WA

Role Objective #1) Improving Visibility with Data

Identified, created, cleaned, accessed, modelled, connected, transformed, automated, visualised, presented and articulated essential data to empower stakeholders and managers, enabling faster data-driven, informed decision-making.

Key Achievements:

- ❖ Delivered reporting solutions in Power BI for divisions including:
HSE, Manufacturing, Engineering, Sales & Marketing, IT, Transport & Finance
- ❖ HSE Reporting - Provided visibility on events, actions, hazard reporting throughout the organisation
- ❖ Facilitated Monthly Meetings for 2 major business units using self-developed PBI
- ❖ Maintenance and Production Reporting
- ❖ Plant Shutdown Analysis Reporting for the Chlor Alkali Division
- ❖ Reporting on Management of Change - Improved Accountability
- ❖ CRM and other targeted BI Reporting for Sales & Marketing Report
- ❖ Reporting on Customer Tank Levels for Transport



Contact

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Software

- ❖ Microsoft Power BI
- ❖ Microsoft Power Apps
- ❖ Microsoft Power Automate
- ❖ Microsoft Azure
- ❖ Microsoft Excel, VBA's
- ❖ Microsoft SQL Server Studio
- ❖ Postgres SQL
- ❖ Python
- ❖ R
- ❖ HTML, CSS, JS
- ❖ Tableau
- ❖ MongoDB
- ❖ Jupyter Notebook
- ❖ Visual Studio Code

Role Objective #2) Improving Efficiency via Development

as a solutions provider, and an agent of change, I targeted and addressed specific efficiency opportunities in business operations and streamlined workflows via the creation of PowerApps, Power Automate Flows, Approval Flows and SharePoint Intranet Sites.

Key Achievements:

Developed, Implemented and Maintained:

- ❖ PowerApp to replace paper data entry on 6 plants - Permitting Visibility of Performance
- ❖ PowerApp to register all Capex's (writing to SQL databases)
- ❖ PowerApp for Transport allocators to replace paper system (writing to SQL database)
- ❖ PowerApp, SP Site and Power Automate Flows for Management Of Change Register
- ❖ PowerApp, SP Site, SP Lists and Power Automate Flows for capturing Overtime data

Graduate Project Engineer (2017 - 2019)

Coogee Chemicals, Perth, WA

Worked directly for the CEO in Business Development, Identifying / assessing opportunities in Water Treatment, Mining & Chlor Alkali sectors

Key Achievements:

- ❖ Implementation of a new process plant: I led the project from conception until Board Capex Approval, involving Competitor Analysis, Market Analysis, Process Research, Overseeing Lab Trials, Process Design, Creating a Business Model & Successful Capex Request
- ❖ Investigated/Assessed the feasibility of manufacturing a new water treatment chemical
- ❖ Developed an industry database through Power BI showing more than 4000 'facilities' in Australia and their respective feedstocks and products



Education

Certificate of Data Analytics - University of Western Australia

Masters of Chemical Engineering - University of Western Australia

Bachelor of Engineering - University of Western Australia

High School - Christ Church Grammar School - Perth, WA



Skills

- ❖ Problem Solving
- ❖ Curious, Investigative & Analytical
- ❖ Extremely Resourceful at Troubleshooting
- ❖ Excellent Communication & Interpersonal Skills
- ❖ Elicitation & Clarification of Client Requirements
- ❖ Ability to Lead, Motivate and Influence
- ❖ Team Player
- ❖ Enjoys Facilitation & Presentation
- ❖ Research & Investigation



Languages

- ❖ English
- ❖ French
- ❖ Russian



Referees

Available on Request

Graham Hewson

*Executive Director Operations
& Growth Projects*

Coogee Chemicals

Duncan McInerney

*Commercial Manager QLD /
NSW / SA*

Coogee Chemicals

Jonathan Neo

Data Analytics Instructor

University of Western Australia