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.

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| |  |  | | --- | --- | |  | **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 of the 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   **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 allocaters 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 |  | |  |  | | --- | --- | |  | **Contact** |   Phone  0431 153 985  E-mail  daniel.f.bourke@gmail.com   |  |  | | --- | --- | |  | **Software** |  * Microsoft Power BI * Microsoft Power Apps * Microsoft Power Automate * Microsoft Azure * Microsoft Excel * Microsoft SQL Server Studio * Postgres SQL * Python * R * HTML, CSS, JS * Tableau * Mongo DB * A * A * A  |  |  | | --- | --- | |  | **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* |
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