Daniel Bourke

Data Analyst / Microsoft Power Platform Developer / Chemical Engineer

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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| |  |  | | --- | --- | |  | **Work History** |  |  |  |  | | --- | --- | --- | | **2020-01 - 2021-11** |  | Data Analyst / Power Platform Developer (2020-2021  Coogee Chemicals, Perth, WA  Delivered reporting solutions in Power BI for both WA and QLD divisions including: -HSE, Manufacturing, Engineering services, Sales & Marketing, IT, Transport & Finance Power BI Reporting on HSE, Maintenance, Production, Plant Shutdown Analysis, Management of Change, Sales & Transport.  Targeted and addressed specific efficiency opportunities in business operations and streamlined workflows via the creation of PowerApps, Power Automate Flows, Approval Flows. PowerApps for plant data, Capex Register, Transport Allocation, Management of Change, Overtime Data |  |  |  |  | | --- | --- | --- | | **2017-11 - 2019-12** |  | Graduate Project Engineer  Coogee Chemicals, Perth, WA  Worked directly for the CEO in Business Development, Identifying / assessing opportunities in Water Treatment, Mining & Chlor Alkali sectors  - 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.  This involved developing a thorough knowledge-base of water treatment chemicals,  designing a process route capitalising on existing raw materials and oversaw successful  lab trials, achieving in-spec product  - Developed an industry database through Power BI showing more than 4000 'facilities' in  Australia and their respective feedstocks and products |  |  |  | | --- | --- | |  | **Education** |  |  |  |  | | --- | --- | --- | |  |  | High School Diploma  Christ Church Grammar School - Perth, WA |  |  |  |  | | --- | --- | --- | |  |  | Bachelor of Engineering  University of Western Australia |  |  |  |  | | --- | --- | --- | |  |  | Masters of Chemical Engineering  University of Western Australia |  |  |  |  | | --- | --- | --- | |  |  | Certificate of Data Analytics  University of Western Australia |  |  |  | | --- | --- | |  | **Languages** |   English  French  Russian |  | |  |  | | --- | --- | |  | **Contact** |   Address  Perth, WA, 6000  Phone  0431 153 985  E-mail  daniel.f.bourke@gmail.com   |  |  | | --- | --- | |  | **Skills** |   Microsoft Power BI  Microsoft Power Apps  Microsoft Power Automate  Microsoft SharePoint  Microsoft Azure  Microsoft Excel  Microsoft SQL Server Studio  Postgres SQL  Python  R  Pandas   |  |  | | --- | --- | |  | **Software** |   Microsoft Power BI  Microsoft PowerApps  Microsoft SQL Server Studio |