Joshua Edwards | CV

Melbourne – AUS

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Career Objective

I am a Data Analyst with over 5 years of experience within the UK public sector, now residing in Melbourne. My previous roles have involved utilising SQL, PowerBI and Excel to help provide insights into data for key stakeholder decision making. I am experienced in data validation, manipulation and visualisation, with effective communication skills essential to conveying information to a variety of colleagues. I have a resume website (joshedwards-resume.co.uk) where I showcase examples of my PowerBI and SQL knowledge over multiple projects as well as my Python skills.

Experience

Employment

Monash Health   **Melbourne**

Business Intelligence Analyst   *December 2023–Present*

Detailed achievements:

- Revamped multiple complex SSRS reports by transforming them into dynamic, interactive Power BI reports, modernizing the reporting infrastructure, significantly reducing load times, and enhancing user experience
- Leveraged MDX and SQL to extract data from Cubes and utilized DAX along with the latest features of Power BI to display over 100 KPIs across various Monash Health areas, providing insights to Executives
- Prepared reports for executive-level stakeholders by gathering feedback, refining visualisations, and aligning the report's features with business needs to ensure it met expectations
- Implemented dynamic M parameters using a combination of openquery and direct query techniques, optimizing data retrieval for real-time analysis and reducing the need for full dataset imports

The Canal and River Trust   **Wolverhampton**

Cost Intelligence Analyst   *January 2021–August 2023*

Detailed achievements:

- Produced the annual Cost Intelligence Report comparing over 100 construction projects and their associated financial variances and presented findings to key stakeholders
- Created an Excel based tool using SQL, Power Query and VBA, used to view historical projects to provide context and increase accuracy for initial cost estimates
- Conducted data regression analyses within Python to help determine key cost drivers for projects and used results to help model potential scenarios
- Built analytical Power BI dashboards depicting critical KPI information for use by key stakeholders to help interpret cost performance and variance
- Streamlined reporting processes for various teams within the Trust utilising SQL, PowerBI and Power Query, increasing productivity and allowing more time to analyse results

The Royal Wolverhampton Trust NHS   **Wolverhampton**

Cancer Information Officer   *June 2018–January 2021*

Detailed achievements:

- Daily SQL and Excel usage to produce monthly, quarterly, and adhoc reports
- Initial contact point for SQL queries and data requests required by the Cancer team
- Collected and interpreted data to produce reports used for managerial actions and strategies - used in business cases by directors to improve pathways for efficiency along with providing individuals KPIs for assessments
- Produced and validated national data audit submissions on behalf of various institutions and clinicians
- Responsible for multiple IT systems, being the first point of call for any issues that arise within the team

Education

Aberystwyth University   **Aberystwyth**

BSc Mathematics, Upper Second Class,   *2013–2016*

Units covering pure maths, statistics and modelling, quantum information and mathematical physics

Wolgarston Sixth Form   **Penkridge**

A-levels ACC,   *2010–2012*

Maths, Further Maths, Physics.

Wolgarston High School   **Penkridge**

11 GCSEs A* to C,   *2005–2010*

Including A*-A in Maths, English and Science.

Skills

Power BI: DAX, Measures and Calculated Columns, Direct Query, Data Modeling

Microsoft Excel: Power Query, Pivot Tables/Charts and Xlookups/Match/Index

SQL: Common Table Expressions, Window Functions, Extract and Transform

Python: Pandas, Numpy, SciKit-Learn Regression Techniques, Django

Interests

Rock Climbing: Since graduating I have developed a keen interest in Rock Climbing, a sport that combines physical strength and mental focus. Climbing demands high levels of problem solving skills and complete trust in your climbing partners, working as a team to solve routes.

Kayaking: Successfully kayaked the Danube River covering 2850km over 60 days in Summer 2019 to raise funds for charity, demonstrating strong route planning skills and the ability to resolve ad-hoc challenges.

References

Available on request