

Joshua Edwards | CV

Melbourne – AUS

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Career Objective

I am a Data Analyst with 5 years of experience within the UK public sector, recently moved to Melbourne on a Working Holiday Visa. 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 both 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 SQL and PowerBI knowledge over multiple projects as well as my Python and Django skills.

Experience

Employment.....

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

The Royal Wolverhampton Trust NHS

Ward Clerk

Detailed achievements:

- Worked as part of a multidisciplinary team to help support patient care and discharges from the ward
- Created and maintained an up-to-date and accurate record of admitted patients on multiple databases to assist with identifying delays in patient discharges

Wolverhampton

July 2016–June 2018

Education

Aberystwyth University

BSc Mathematics, Upper Second Class,

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

Aberystwyth

2013–2016

Wolgarston Sixth Form

A-levels ACC,

Maths, Further Maths, Physics.

Penkridge

2010–2012

Wolgarston High School

11 GCSEs A* to C,

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

Penkridge

2005–2010

Computer skills

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

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

Power BI: DAX, Measures, SQL integration

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: Kayaked the Danube River during the Summer of 2019 to raise money for charity. This involved route planning and resolving adhoc issues whilst abroad.

Web Development: In my spare time I've been learning Django and Python to explore web development. This has allowed me to continue to learn and expand my skill set whilst requiring constant problem solving and curiosity. I've been able to apply these skills to build my own website and assist in my work.

References

Professional

- Andrew Gallacher
- Martin Smith
- andrew.gallacher@canalrivertrust.org.uk
- martin.f.smith@arcadis.com