

SYLVIA BROADBENT B.

Phone: +61 (0)437 873 080 | Email: supasyl@gmail.com | Pinjarra WA 6208

LinkedIn: [/sylvia-broadbent](#) | GitHub: [/Supasyl](#)

Data analyst with a passion for organising information in a logical and easy to understand format. Working towards (one more month) earning a certificate from University of Western Australia's Data Analytics Boot Camp (currently with an A+ average). Skilled at working independently and as part of a team across multiple disciplines to ensure all available information is collated and used effectively in the analysis. The outcome is then broken down into concepts and delivered in terms to suit the audience.

EDUCATION

Certificate in Data Analytics

University of Western Australia | 2020-2021

Fast-paced program, focused on the practical and technical skills needed to solve data problems.

Graduate Certificate in Building and Planning (Building Surveying)

University of South Australia | 2005-2008

Bachelor degree in Architectural and Construction Engineering

The Hague University of Professional Education | 1998-2001

TECHNICAL SKILLS

Programming languages: VBA, Python, SQL, HTML, Javascript

Databases: PostgreSQL, MongoDB

Applications: Github, Command Line, Flask, Beautiful Soup

Tools: Excel, Jupyter, Pandas, Matplotlib, dbAdmin, ETL, API, D3, Plot.ly, Leaflet, Tableau

Languages: English, Dutch

PROJECTS

Data Visualisation Project | [full details here](#) | role: team member (1 of 4)

- Project about raising awareness of the UV Index values and the importance of protection.
- Responsible for the visualization and presentation, non-geo graphs including the extraction of the information from the database and through an API.
- Completed using Javascript including D3 and Plot.ly, HTML including bootstrap, CSS.

Python Data Visualisation | [full details here](#) | role: team member (1 of 4)

- Project about the impact of the Covid-19 crisis on the residential construction and real estate market.
- Responsible for the analysis of the issued permits, construction value and correlation.

- Completed using Python, Pandas, Matplotlib and data analytics to find the answer to our hypothesis, that Covid-19 does not affect all parts of the market.

Extract, Transform, Load (ETL) | [full details here](#) | role: team member (1 of 4)

- Project to find different datasets available online and combine them into a database.
- Reading the data of LEGO sets using Python with Pandas.
- Creating a report including diagrams to visualise the information using Pandas and Matplotlib.
- Creating a schema using an Entity Relational Diagram (ERD).
- Entering the information into a new PostgreSQL database using PGAdmin.

Javascript and DOM manipulation | [full details here](#)

- Project using a given dataset with UFO sightings in 2010.
- Created a website showing the information in a table format.
- Provided a filter search with multiple filter options.

WORK EXPERIENCE

IQ Building Surveyors | Western Australia

Owner, Building Surveyor Level 1 | 2010-2020

While running my own business, I have proven my skills as a project manager with a critical mind focussed on problem solving to achieve the best outcome for my clients. My clients particularly appreciated my ability to explain the legislation in terms they could understand. I am reputable and well respected amongst my peers due to my honesty and integrity.

- Certifying proposed building plans for compliance with the Building Code of Australia (BCA).
- Certifying unauthorised building work for compliance with the BCA
- Ensuring all information provided by other professionals is complete and consistent.
- Organising information required by other professionals.
- Organising the application to the local government and following up until approval is issued.

Shire of Waroona, Shire of Murray, City of Melville, City of Mandurah

Building Surveyor (varying from assistant to principal) | 2005-2020

Working at local government in a legislative role has grown my skills in communicating with all types of customers. An important part of my role is to work together with different departments to ensure the best outcome for the customer.

- Ensuring all information is provided for a complete application.
- Documenting the full assessment details for future reference.
- Collaborating with other departments to ensure other required approvals are issued and consistent.
- If uncertified: Certifying proposed building plans for compliance with the BCA.
- If certified: Ensuring all documents listed in the Certificate match the information submitted.
- Issuing the Building Permit or Building Approval Certificate within the legislated timeframe.