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| Data Analyst/ Business Analyst  Osvaldo N X da Silva | (+44) 07447941057 | osvaldosilva.silva6@gmail.com  <https://www.linkedin.com/in/osilva86>  [OsvaldoTheAnalyst.github.io](https://github.com/ValdoSilva/OsvaldoTheAnalyst.github.io)  Cambridge, United Kingdom, CB3 0BY |

# Education

Bachelor of Computer Science – Coventry University – Coventry, UK March 2023

Majors: Data Science and Analytics, Database and SQL, Programming in Python

# Skills

* SQL (SQL Server, MySQL, PostgreSQL)
* Python (Pandas, NumPy, SciPy, MatPlotLib)
* Tableau
* Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
* Microsoft Power BI

# Projects

Covid 19 data exploration – Personal Project **–** Cambridge, UK April 2021

* Utilized **SQL** to analyze over 300K rows of Covid 19 data, revealing critical insights into the pandemic's widespread effects on various aspects of society.
* Extract data from 2 or more different related tables from Covid Death and Covid Vaccination using **JOIN** and **VIEW**
* Transformed and filtered data by using aggregating and filtering function to improve reporting process
* Loaded and visualized data with **Python** to identify key business intelligences that can improve sales performance

data professional survey dashboard – Virtual Client’s Project **–** Cambridge, UK September 2021

* Created a **Power BI** dashboard to compare personal survey data from different countries, including salary, performance, and happiness with work-life balance.
* Transformed and processed data by using **DAX and Excel** to ensure data completeness and validity
* Provided technical insights on how the data can be fully utilize by introducing different technologies
* Utilizing a range of **charts** to identify the most suitable metrics for inclusion in the final product.

world population growth Eda – Personal Project **–** Cambridge, UK September 2022

* Employed **Python** for the analysis of world population growth since 1970, studying insights into the patterns and trends of demographic changes.
* Applied **Regex** techniques to sift through the historical world population growth data and pinpointed the significant trends and factors.
* Aggregated and visualized the data by using **pandas, matplotlib** and **word cloud** to compile a professional report

Air bnb analysis in the us – Personal Project **–** Cambridge, UK November 2022

* Explored Airbnb's transformation into a trusted global platform, connecting hosts and travelers for unique lodging experiences across the United States.
* Conducted a thorough examination of key indicators such as pricing, bedroom listings, annual revenue, and bedroom availability across different states.
* Leveraged **Tableau** to visualize and analyze the data comprehensively, aiding property owners in making informed decisions about renting out their accommodations.

# Work Experience

Mobile app developer **–** National Electoral Commission, Quick Count **–** Lospalos, East Timor (Virtual) May 2020 - Present

* Created and managed a mobile application for real-time election quick counts, facilitating swift and accurate reporting of results.
* Utilized data collected from National Electoral Commission staff present at voting stations to provide users with up-to-the-minute information within the app's intuitive interface.
* Collaborated with stakeholders to design and implement data visualizations, enhancing the accessibility and clarity of complex election data.
* Developed an interactive pie chart to visualize the leading parties in the election, offering users a clear overview of the current standings.

data entry clerk – Cambridge University Hospital – Cambridge, UK March 2013 - Present

* Meticulously organized and input operational data for hospital records with exceptional concentration and focus.
* Maintained and audited financial records with a keen attention to detail, contributing to accurate financial reporting.
* Demonstrated remarkable proficiency in data entry tasks, ensuring precision and consistency in a high-volume environment.
* Collaborated effectively with colleagues to streamline data management processes, enhancing overall operational efficiency.