Data Analyst / BI Developer

SULARA PERERA

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Visa Status: Permanent Resident

I am a Data Analyst / BI Developer with hands-on experience in analyzing and interpreting large datasets to uncover insights and improve business performance. I have worked in the logistics and finance industries and my expertise lies in extracting insights, optimizing data workflows, and creating impactful visualizations. I am passionate about using data to drive decision-making and am always looking for new challenges and opportunities to learn and grow.

SKILLS

- SQL (Microsoft SQL Server, PostgreSQL)
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Power BI
- Tableau
- Microsoft Azure (DataBricks, Azure Data Lake, Azure Data Factory, Azure Synapse Analytics)
- Python (Pandas, NumPy, Matplotlib, Streamlit)
- PySpark

WORK EXPERIENCE

MVP STUDIO (NEW ZEALAND) – BI Developer / Data Analyst Intern – Auckland   *Jan 2023 - Present*

- Developing a cloud-based property investment and management platform, specifically targeting the data Integration of New Zealand and Australia property data. Designing the data warehouse solution comprising of the **Star** and **Snowflake schema**.
- Performing data cleansing, standardization, and formatting on raw datasets using **DAX** and **Power Query** (**M**) languages.
- Designing and implementing **ETLs** using **SSIS packages** to migrate property data to **MSSQL**, while also creating **SQL** queries, **stored procedures**, and **functions** for intricate reporting business logic. Designing interactive **Power BI reports** with slicing, dicing, drill-down, and dashboard features while providing mentorship and guidance to team members.

ACCOUNTS AND SYSTEM ADMINISTRATOR – Big Chill Distribution Ltd – Auckland   *Feb 2019 - Present*

- Manage accounts payable and receivable and statement reconciliation.
- Order extraction and invoicing with **Xero** accounting system using **Excell** – **VLOOKUP**, **SUMIF**, **CONCAT**, **IF** and **DATE** functions.
- Design and developed an **ETL** project to extract weekly sales data from the backend system, transform and load it into **MS SQL** Database for analysis purposes. Utilized **SQL** to analyze sales trends and product performances from 2.8+ million records.
- Implemented **Python** and **Regex** to comb through various delivery manifests data and track down key data for system updates.

PROJECTS

ETL DATA PROJECT - LOGISTICS DATA WAREHOUSING – Produce Pronto Ltd, Auckland   *May 2023*

- Extracted data from CSV and Excel files in a hierarchical folder structure. Transformed data by applying standardizing methods.
- Loaded cleaned data into a Master CSV file and **Microsoft SQL Server** for **Power BI** reporting.
- Enabled comprehensive historical analysis for optimized decision-making.
- Utilized **Python**, **Pandas**, **NumPy**, **SQLAlchemy**, **Pyodbc**, **SQL Server tools** and **Power BI**.

END-TO-END BUSINESS INTELLIGENCE TRANSFORMATION – Personal Project   *March 2023*

- Led end-to-end BI project, transforming raw data into actionable **Power BI** reports and dashboards for AdventureWorks Cycles.
- Proficiently utilized **Power Query** for data extraction, transformation, and loading, ensuring data accuracy and quality.
- Designed a robust relational data model with normalization and cardinality, enhancing data integrity and analysis efficiency.
- Applied advanced **DAX** expressions for calculated measures, enabling comprehensive data analysis.

EDUCATION

BUSINESS INTELLIGENCE EXPERT CERTIFICATION – Industry Connect – Auckland   *Oct 2022*
Developed skills in SQL, SSMS, SSIS, Microsoft Power BI, Microsoft Visual Studio, ETL, Data Modeling and Warehousing

GRADUATE DIPLOMA IN COMPUTING (LEVEL 7) – Aspire 2 – Auckland   *Nov 2019*
Majors: Software Development, IT Project Management, Web Programming, Software Testing and Documentation