



Ziyan Rilwan

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PROFESSIONAL SUMMARY

Analytical and detail-oriented **Data Analyst** with **2+ years of professional experience** transforming complex data into strategic business insights. Experienced in **Tableau and Power BI dashboard development**, data cleaning, and KPI design to transform raw data into actionable insights. Adept at writing optimized SQL queries and building scalable data models that support business decisions. Passionate about leveraging analytics to improve operations and business outcomes in dynamic environments like **Dubai's tech and business ecosystem**.

PROFESSIONAL EXPERIENCE

IT Analyst Intern

Jul 2025 – Present | Dubai, UAE

Emerson

- Built and maintained **interactive Tableau and Power BI dashboards** for operational KPIs, improving visibility for senior management.
- Automated **data ingestion and transformation pipelines** using PowerApps, SharePoint, and Python scripts to reduce manual work by **30%**.
- Partnered with Data Engineers to **design secure and scalable data sources** and optimize SQL queries for performance.
- Documented data flows and metrics definitions, ensuring **consistent KPI tracking** across departments.

Data Analyst

Sep 2023 – Mar 2025 | Colombo, Sri Lanka

TecHome Technologies Pvt Ltd. (CONTEXT)

- Designed and deployed **BI dashboards in Power BI** to track sales, marketing, and operational metrics across departments.
- Developed and maintained **complex SQL queries (joins, CTEs, window functions)** for data validation and reporting.
- Conducted **data quality checks and reconciliation** to ensure accuracy in executive dashboards.
- Collaborated with leadership to **define measurable business KPIs** and automate recurring reporting workflows.

Web Developer Trainee

Jan 2023 – Jun 2023 | Colombo, Sri Lanka

Csquare Technologies

- Contributed to the development of **ERP system modules** using PHP, MySQL, and jQuery to automate business operations.
- Assisted in optimizing backend queries and improving **data performance** for client-facing applications.

EDUCATION

Postgraduate Diploma in Data Science

Mar 2025 – present | Dubai, UAE

Manipal Academy of Higher Education - MAHE

Modules: Advanced Machine Learning, NLP, Deep Learning, Data Science Projects.

BSc (Hons) Software Engineering

2024 | Southampton, UK

Solent University

- Grade: **First Class Honors**. (Equivalent to 3.7 – 4.0 GPA)
- Modules: Machine Learning, Data Science, DevOps, Industrial Consulting Project, Dissertation Project.

SKILLS

Business Intelligence: Tableau (LODs, parameters, RLS, dashboards), Power BI, KPI Design

Data Management: SQL (joins, CTEs, window functions, performance tuning), Excel

Programming & Analysis: Python (Pandas, NumPy, Matplotlib), Statistics, A/B Testing

Data Tools: BigQuery, SharePoint, Git, Docker, Linux

Web & Automation: REST APIs, PowerApps, Web Scraping

Soft Skills: Analytical Thinking, Documentation, Stakeholder Communication