Carlton Njong

DATA ANALYST

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Profile

Microsoft certified Data Analyst with hands-on experience in Power BI, Excel, and SQL. Proficient in transforming complex datasets into clear narratives using Power BI, SQL, and Excel. Experience includes creating performance dashboards, automating reports, and supporting large-scale data migrations. Combines technical expertise with 3 years of experience as an instructor, demonstrating strong communication, presentation, and collaboration skills

Experience

Data Analyst | HighUpWeb, Yaoundé | 2017 – 2019

- Collected, cleaned, and interpreted data on student enrollment and performance outcomes to support educational program improvements.
- Designed and maintained Power BI dashboards to track customer orders, project timelines, and satisfaction scores for website development clients.
- Generated regular reports for senior management using T-SQL and Excel to summarize financial performance, customer retention, and key operational KPIs.
- Collaborated with marketing teams to evaluate lead generation campaigns, providing actionable insights that informed strategy.

IoT Intern at Near East AI and IoT Center | Nicosia |July 2025 – Present

- Engineered secure communication protocols (TLS/HTTPS, secure MQTT) to safeguard data exchanges between smart lock hardware and the cloud backend.
- Developed and implemented multi-factor authentication mechanisms combining RFID, fingerprint scanning, and server-based verification for enhanced security.
- Designed role-based access controls (RBAC) for the administrative web dashboard to ensure proper user permissions and data privacy.
- Conducted vulnerability assessments, threat modeling, and penetration testing to identify and mitigate security risks across the system architecture.

ESL Teacher at Native Camp | January 2023 – Present

- Designed and delivered lesson plans using digital tools (Google Classroom, Zoom).
- Tracked student progress via Excel and Google Sheets, creating custom performance reports.
- Adapted teaching materials for diverse learners—enhanced communication and instructional clarity.

- Managed scheduling, assessment workflows, and independent remote sessions, showcasing strong self-management.

Projects

Kaya Hotel Revenue Dashboard | [https://github.com/carlw0194/kaya-hotel-revenue-analysis-PowerBI]

- Designed and built a dynamic Power BI dashboard analyzing key hospitality metrics (RevPAR, ADR, Occupancy, and Total Revenue) to track performance and identify revenue drivers.
- Authored complex DAX measures for Time Intelligence (YTD, MoM) and diagnostics (Cancellation Rate, Revenue Loss), providing deeper, actionable insights.
- Transformed raw data into a clean, optimized star schema model using Power Query and delivered recommendations that identified opportunities to increase high-margin direct bookings.

Education

BSc Computer Engineering, Cyprus International University | September 2019 – June 2025

Skills & Tools

- **Advanced SQL & Databases:** SQL, T-SQL, Data Modeling, ETL
- **BI & Visualization:** Power BI, Excel, PowerPoint, DAX, Power Query
- **Data Analysis:** Product, Market and Sales Analytics, Business Analytics, Advertising Analytics, Data Quality Assurance
- **Other:** Python, Google Sheets, A/B Testing, Machine Learning, API

Certifications

- Microsoft Certified Power BI Data Analyst - PL-300

Other Languages

- French, Turkish