



Charles Walton

Senior Data Analyst | Data Modeling & Snowflake Expert | API & Data Pipeline Specialist

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Summary

Experienced Data Analyst with over 7 years of enterprise-level expertise in data modeling, data transformation, and analytics within financial, technology, and consulting sectors. Proven proficiency in Snowflake data platform, Medallion architecture, complex SQL, and API-based data ingestion. Skilled in translating business requirements into detailed technical specifications, performing data lineage analysis, and optimizing data pipelines. Adept at collaborating with cross-functional teams, mentoring junior analysts, and ensuring data accuracy and integrity for strategic decision-making.

Experience

Analytics Consultant,

Amdari Inc, London, United Kingdom | 12/2025 – till Date

- Validated PostgreSQL datasets, translating business requirements into KPIs and structured reports.
- Automated workflows, reducing manual errors, and improving data reliability.

Data Analyst & Automation Specialist

TechnoHacks Solution Pvt Ltd, Maharashtra, India | 06/2025 – 12/2025

- Built automated pipelines for data ingestion from APIs, enhancing data availability and reducing manual processing errors.
- Developed KPIs, dashboards, and reports, ensuring alignment with business needs and data standards.
- Performed data profiling, anomaly detection, and validation to ensure high-quality datasets for analytics.

Remote Senior Data Analyst & Project Analytics Lead,

Almond Careers, London, United Kingdom | 04/2019 - 01/2024

- Led data modeling efforts, aligning with Medallion architecture to streamline data flow across Bronze, Silver, and Gold layers.
- Designed and developed complex SQL queries and stored procedures for data validation, reconciliation, and performance tuning in Snowflake.
- Collaborated with business stakeholders to gather requirements, creating comprehensive Source-to-Target Mapping documents and Business Rules.
- Conducted data lineage analysis, ensuring impact assessment and metadata traceability across multiple data sources.
- Managed REST API integrations for data ingestion, interpreting API documentation, and mapping payloads to Snowflake tables.
- Supported UAT, performed iterative testing, and resolved data gaps, improving data quality and reporting accuracy.
- Mentored junior analysts on data modeling, SQL optimization, and API data ingestion best practices.

Business Intelligence Analyst (Client & Customer Analytics),

Skye Bank Plc, Ogun State, Nigeria | 04/2007 - 01/2018

- API Integration & Data Ingestion Best Practices

Achievements

Proven track record of delivering measurable impact, including increasing cross-selling opportunities by 20%, improving operational efficiency by up to 50%, and enabling faster, more accurate decision-making through automated reporting and analytics solutions.

Additional Highlights

- Improved data accuracy and consistency for reporting processes, reducing errors by 25%.
- Delivered structured, validated dashboards that supported strategic decision-making.
- Automated data workflows, saving over 10 hours weekly and supporting near real-time analysis.
- Enabled data-driven insights that increased cross-selling opportunities by 20% and operational efficiency by 50%.

Websites and Social Links

- LinkedIn: <https://www.linkedin.com/in/cwalton1335>
- Portfolio: <https://cwalton133.github.io/data-portfolio/>
- GitHub: <https://github.com/cwalton133/>

References

Reference available upon request

Hobbies and interests

- Travelling and Outing