

CHRISTIAN LOMBOTO

Data Analyst — Product & UX Analytics | Snowflake · SQL · Python · Power BI · Contentsquare

Dublin, Ireland · 083 314 7079 · lomboto06@gmail.com · linkedin.com/in/christian-lomboto-085977131 · github.com/lomboto05-commits

PROFESSIONAL SUMMARY

Data analyst with hands-on experience turning event-level product data into metrics, dashboards and UX insights. Nearly two years of professional data-quality and financial data analysis at Infosys BPM (99.4% measured accuracy), combined with self-directed product analytics work: instrumenting a live e-commerce storefront with Contentsquare, analysing user journeys, and building a session-level behavioural analysis of 884K e-commerce events in Snowflake SQL with a Power BI dashboard. Experienced at validating data — including AI-assisted outputs — before it reaches stakeholders, documenting metric definitions, and explaining findings to non-technical audiences. All project work is public and version-controlled on GitHub.

PRODUCT ANALYTICS PROJECTS

Contentsquare Instrumentation & Journey Analysis | github.com/lomboto05-commits/contentsquare-website-analytics 2026

- Deployed an open-source e-commerce storefront and **instrumented it with Contentsquare** to collect real user telemetry — sessions, bounce rate, views per session, session time, device split and user journeys.
- Exported behavioural data and analysed it in **Python/Pandas**, producing daily session and bounce-rate trend visualisations and journey-based UX recommendations.
- Used **Journey Analysis** to map navigation from the homepage; identified an unresolved page label caused by a gap in the page-name mapping — a tracking-taxonomy issue — and documented the fix.
- Reported all findings with explicit sample-size limitations, distinguishing directional signals from statistically supported conclusions.

E-commerce User Behaviour Analysis in Snowflake | github.com/lomboto05-commits/E-commerce-user-behavior-snowflake 2026

- Analysed **884K event-level records** (views, add-to-carts, purchases) in **Snowflake** using layered RAW → CLEANED schemas to keep raw data immutable and every metric traceable to source.
- Performed systematic **data-quality validation in SQL**: NULL audits, duplicate detection, price-range checks and timestamp validation with TRY_TO_TIMESTAMP_NTZ before transformation.
- Built **session-level funnel analysis with CTEs and conditional aggregation**, and compared it against the naive event-count conversion rate to show how metric definition changes the story.
- Delivered results in a **Power BI dashboard** (revenue, conversion, brand/category performance, top customers) with documented metric definitions.

E-commerce Customer Analytics | github.com/lomboto05-commits/eCommerce-customer-analytics 2026

- Analysed 3,660 transactions in **Python (Pandas, NumPy, Matplotlib)**: customer spend distribution, quartile value segmentation, category, payment, pricing and discount analysis.
- Separated genuine findings from arithmetic artefacts (e.g. price-discount correlations used as data-integrity checks, not insights) and documented dataset limitations.

PROFESSIONAL EXPERIENCE

Financial Data Analyst | Infosys BPM, Dublin Sep 2024 – Present

- Analyse and validate large volumes of mutual-fund and ETF data in a regulated financial-services environment, maintaining a **99.4% average accuracy rate with regular 100% results**.
- Perform data cleansing, metadata validation and reconciliation against source documents; **investigate discrepancies to their root cause** and feed fixes back into team quality checks.
- Prepare accurate, deadline-driven data for reporting and communicate data-quality issues clearly to team leads and process owners.

Web Developer (WordPress) | Babylon Radio, Dublin 2024 (3-month placement)

- Maintained and improved WordPress site functionality, navigation and content; used site analytics to inform UX improvements.

Professional Barber (self-employed) | Dublin 2013 – 2024

- Ran a client-facing business for a decade — daily stakeholder communication, translating vague requests into precise outcomes, and building long-term trust — before retraining into data analytics.

EDUCATION

Higher Diploma in Data Analytics for Business (Level 8) | CCT College Dublin

2023 – 2024

- Statistical analysis, machine learning foundations and BI using Python (Pandas, NumPy, Matplotlib, Scikit-learn); dashboarding and insight communication.

BSc in Applied Software Development (Level 7) | CCT College Dublin

2022 – 2023

- SQL, Java, JavaScript, HTML/CSS and databases; Agile and Scrum project delivery.

TECHNICAL SKILLS

- **SQL & Warehousing:** Snowflake (Snowsight, COUNT_IF, TRY_TO_TIMESTAMP, window functions, CTEs), MySQL, joins and aggregation over large datasets
- **Product & Web Analytics:** Contentsquare (tag setup, KPI exports, Journey Analysis, page-name mapping), Google Analytics concepts, sessionisation, funnels, event-level data
- **Python:** Pandas, NumPy, Matplotlib, Jupyter — cleaning, EDA, segmentation, visualisation
- **BI & Reporting:** Power BI dashboards, Excel, metric definition documentation
- **Quality & Process:** Data validation, reconciliation, root-cause investigation, AI-output review and verification, Git/GitHub version control

LANGUAGES

English (fluent) · French (fluent) — References available on request