

Cayman Roden

Data Analyst | SQL · Python · Tableau · Power BI · Excel

310-982-0492 | caymanroden@gmail.com | linkedin.com/in/caymanroden | chunkyturtle.github.io/da.html | Remote, US-based

PROFESSIONAL SUMMARY

Data Analyst with hands-on experience analyzing 1.2M+ real CFPB mortgage records across credit risk, fair lending, and regulatory compliance. Deliverables include interactive dashboards, SQL case studies, Power BI reports (14 DAX measures), Excel workbooks, and written business memos for non-technical stakeholders. Backed by 917 hours of certified training across Google, IBM, and Microsoft data analytics programs.

TECHNICAL SKILLS

SQL (PostgreSQL, DuckDB, Snowflake, BigQuery) | dbt | Python (pandas, NumPy, matplotlib, seaborn, scikit-learn) | Tableau | Power BI (DAX) | LookML | Evidence.dev | Excel (Pivot Tables, VLOOKUP, INDEX/MATCH, What-If) | Google Sheets | Airflow | Great Expectations | A/B Testing | Statistical Modeling (Regression, Hypothesis Testing) | Git | Data Visualization | Business Intelligence | Reporting | Ad Hoc Analysis | Data Storytelling | Stakeholder Reporting | Business Memo Writing | Cross-functional Collaboration

EXPERIENCE

Data Analyst (Contract) - Remote - June 2022 - Present

Clients include small business operators and financial services analytics projects. Deliverables include dashboards, SQL analyses, Excel workbooks, Power BI reports, and written business memos.

- Identified that DTI ratio, not FICO score, drives loan default among prime borrowers (720+ FICO) through statistical analysis on 50K-row lending dataset; delivered findings as written business memo with priority-ranked underwriting recommendations to credit risk stakeholders
- Delivered 25-page interactive dashboard on 1.2M+ CFPB HMDA mortgage records covering credit risk, fair lending, and market trends; deliverables: 8-tab Excel workbook, 11 SQL case studies, Power BI report (14 DAX measures), written case study; built Airflow DAG (ETL, Great Expectations validation, dbt transformation, Tableau export) orchestrating full data pipeline
- Performed SQL-based fair lending analysis surfacing geographic loan approval disparities with estimated \$5-15M regulatory penalty exposure; findings presented as written memo with actionable compliance recommendations
- Built client-facing analytics dashboard through 2 iteration cycles with real estate operations team: v1 (12 metrics across 4 tabs) refined to v2 (3 KPIs: lead conversion rate, cost per qualified lead, pipeline velocity) after stakeholder feedback; replaced manual weekly spreadsheets with live deployment adopted for Monday management review

Operations Analyst | Persimmon Bistro / Palm Springs Art Museum - Palm Springs, CA - 2021 - 2022

- Tracked labor-to-revenue ratios across weekly shifts; identified scheduling inefficiencies and presented findings to management for staffing adjustments

Operations Analyst | Honey's Kettle - Culver City, CA - 2016 - 2021

- Tracked daily cash reconciliation across high-volume shifts; built variance summaries that flagged discrepancies and informed staffing and cash handling decisions
- Monitored table turn time and service quality metrics; contributed findings to shift debriefs that informed station assignments

Bookkeeper / Financial Analyst | Radiant Skin By Donna - Manhattan Beach, CA - 2012 - 2016

- Managed billing, invoicing, and accounts receivable using QuickBooks and Excel; produced monthly financial summaries
- Built Excel-based inventory tracking sheets to monitor stock levels and reorder points across product lines

KEY PROJECTS

Finance Analytics Portfolio

Python - SQL - pandas - Excel - Tableau - Power BI

SQL and Python analysis on real 2022 CFPB HMDA data (1.2M+ rows) covering credit risk, market risk, and fair lending.

- Credit risk: DTI ratio outweighs FICO among prime borrowers (720+ FICO); tightening thresholds reduces expected losses by \$600K-\$900K per \$100M with no impact on approval volume
- Fair lending: county-level HMDA analysis surfaces geographic approval rate disparities with \$5-15M regulatory penalty exposure
- Loss concentration: Grade B, not Grade G, is the true loss driver - \$35M stressed-loss gap per \$500M portfolio
- Built and scheduled Airflow DAG orchestrating 5-step data pipeline: ETL extraction, Great Expectations validation (3 suites, 26 expectations), dbt transformation (8 models, dual-target DuckDB/Snowflake), 33 schema tests, and Tableau/CSV export

Deliverables: 25-page interactive Streamlit dashboard - 11 SQL case studies - Power BI report (14 DAX measures) - 8-tab Excel workbook - Evidence.dev BI report - written business memos Live: finance-analytics-portfolio.streamlit.app

Olist E-Commerce Analytics Portfolio

Python - SQL - pandas - scikit-learn - Tableau

Customer retention and delivery performance analysis on 100K+ real orders from Olist, a Brazilian e-commerce marketplace.

- Customer retention: 93% of customers never return; top 15% by RFM score drive a disproportionate share of platform revenue
- Delivery impact: late deliveries cost 1.2 review points on average (3.1 vs 4.3 stars); top 5 high-delay states identified with actionable carrier recommendations
- Segmentation: unsupervised ML (K-Means with RFM scoring, StandardScaler, silhouette optimization) surfaced 4 customer segments (Champions, Loyal, At-Risk, Hibernating) with labeled profiles for CRM targeting

Deliverables: 10 SQL queries - EDA notebook - customer segmentation notebook - interactive dashboard - written business memo Live: olist-analytics-portfo-nbpbqj3vy7dpa2tus56th.streamlit.app

CERTIFICATIONS

7 certifications from Google, IBM, and Microsoft — 917 hours total:

- Google Advanced Data Analytics Professional Certificate — 200h
- Google Data Analytics Professional Certificate — 181h
- IBM Business Intelligence Analyst Professional Certificate — 141h
- Microsoft AI-Enhanced Data Analysis: From Raw Data to Deep Insights — 120h
- Microsoft Generative AI for Data Analysis Professional Certificate — 108h
- Microsoft Data Visualization with Power BI Professional Certificate — 87h
- Google Business Intelligence Professional Certificate — 80h