

Matt Lohier

mathieulohier@gmail.com ❖ (510) 375-5958 ❖ matt-lohier.com ❖ San Diego, CA

WORK EXPERIENCE

Experian Automotive

December 2025 – Present

Data Science Analyst

San Diego, CA

- Architected and built an AI entity resolution platform using Python, AWS Bedrock, and AgentCore to unify 1M+ automotive business records across 11 enterprise systems. The agentic workflow combines LLM reasoning with external web research to resolve entity relationships across fragmented data sources, eliminating hundreds of hours of manual analyst mapping and establishing a centralized identity layer for BI and analytics.
- Designed a self-service AWS ECS Fargate platform enabling a 16-person analytics team and AI agents to ship secure dashboards and APIs in under 10 minutes via zero-touch CodeBuild/ECR pipelines.
- Developed a dealer-level credit intelligence framework reconciling 130M+ credit pulls across 34,000+ dealers and resellers with fragmented identities, laying the foundation for Hub & Spoke Reporting that links lender activity to dealer and vehicle sales data to surface untapped revenue opportunities.
- Built a multi-stage AWS Glue/Python pipeline ingesting dealer records from 11 sources into normalization and canonical rooftop-building jobs, forming the backbone of Experian Automotive's identity infrastructure.
- Spearheaded AI adoption strategy for the team, establishing governance guardrails as engineers adopted Claude Code with AWS access; presented production GenAI tooling to 100+ at a Lunch & Learn.

Circana

September 2024 – December 2025

Market and Competitive Intelligence Analyst

San Diego, CA

- Conducted competitive intelligence research across data, retail, CPG, and technology sectors, evaluating competitor strategies, strengths, weaknesses, market positioning, and emerging trends.
- Developed automated competitive monitoring systems using Python, Selenium, Playwright, BeautifulSoup, and OpenAI to track 4,000+ competitor media pieces and 3,000+ job postings across 10 competitors.
- Built an AI-powered Python pipeline leveraging OpenAI to extract competitive insights and UVPs from 50K+ competitor web pages, enabling scalable analysis of competitor positioning and messaging.
- Maintained and enhanced Circana's Competitive Intelligence database, tracking over 250 unique value propositions (UVPs) and competitive differentiators across major competitors.

Openbrand (Gap Intelligence)

March 2023 – September 2024

Market Research Analyst

San Diego, CA

- Managed market intelligence offerings for the multifunction printer category, delivering competitive insights, consulting projects, data analysis, and industry reporting for 20+ client companies.
- Delivered weekly market intelligence reports and spotlight videos to 2,300+ clients, covering product launches, M&A activity, pricing trends, financial results, and emerging industry developments.
- Developed automated data collection capabilities using Python and AWS, including a product certification scraping system supporting 10+ product categories.

EDUCATION

University of California, San Diego

September 2022

B.S. Cognitive Science, Specialization in Human Computer Interaction (HCI)

San Diego, CA

SKILLS

Python; SQL; AWS (Glue, ECS Fargate, S3, EC2, Lambda, Bedrock, AgentCore); LLM APIs; AI Agents; Agentic Workflows; ETL Pipelines; Data Infrastructure; CI/CD (CodeBuild, ECR); Dashboard Development; Data Visualization; Git/GitHub