

Kamri Williams

Data Scientist · ML Engineer · Analytics Engineer

361-489-6122 · Kamriwilliams@gmail.com · kamriwilliams.com

SUMMARY

Data scientist with 5+ years in fintech and analytics, specializing in machine learning, NLP, and predictive modeling. Bridges production-level engineering with data science — fluent in Python, SQL, and end-to-end ML pipelines. Pursuing M.S. in Data Science. Focused on building models that drive real decisions.

SKILLS

ML / AI	scikit-learn · KMeans · Random Forest · Logistic Regression · TF-IDF · NLP · Feature Engineering
Languages	Python (Pandas, NumPy, Seaborn, Matplotlib) · SQL
Data Eng.	Snowflake · ETL · Data Validation · API Integration · Power BI

PROJECTS

AI Personas for Moms — NLP & Behavioral Segmentation | kamriwilliams.com/projects

- ▶ Collected original dataset of 52 survey responses; built end-to-end ML pipeline (TF-IDF → KMeans → Random Forest) achieving 55% accuracy across 8 classes — 4× better than random baseline.
- ▶ Identified 8 behavioral AI-user personas; top persona (Routine Queen) reached F1=0.86. Results inform nonprofit product design for Melanated Mamas Golden Crescent.

Heart Disease Prediction — Binary Classification | kamriwilliams.com/projects

- ▶ Logistic regression & KNN classifiers on patient health data; full EDA, preprocessing, and confusion matrix evaluation with business-framed interpretation of trade-offs.

EXPERIENCE

Q2 Software — Application Support Engineer, Team Lead

2022 – Present

- ▶ Investigate production issues across 20+ financial institutions using SQL, log analysis, and data validation to identify root causes in high-availability fraud/risk systems.
- ▶ Authored standardized documentation adopted by 300+ institutions, reducing repeat escalations; surface usage patterns to drive product improvements.

Wipro — Project Engineer — Meta Reality Labs & Messenger

2021 – 2022

- ▶ Analyzed logs, defects, and code behavior to surface failure trends; optimized testing schedules across 20+ QA agents via workload analysis.
- ▶ Worked alongside VP stakeholders to ensure product quality and alignment across delivery milestones
- ▶ Tracked test projects for virtual assistant program pre-production, monitoring progress and surfacing blockers ahead of launch

Cap Metro — IT Service Desk Analyst

2019 – 2021

- ▶ Converted 100% of onsite employees to remote work, coordinating hardware, access, and continuity across the full organization
- ▶ Troubleshoot Level 1 & 2 hardware and software problems, resolving end-user issues across a distributed workforce
- ▶ Tracked recurring incident trends to strengthen operational reporting and reduce resolution time

EDUCATION & CERTIFICATIONS

Western Governors University — M.S. Data Science (In Progress) · B.S. Data Management & Analytics

Udacity — Data Analysis Nanodegree

Austin Community College — A.A.S. Network Administration · A.A.S. Security Administration

CompTIA A+ · CompTIA Network+ · CompTIA Project+