

## SUMMARY

Analyst with 8+ years of leadership and program management experience, applying Python, SQL, and data visualization to deliver actionable insights and business performance improvements.

## EDUCATION

### B.S. Information Technology, Concentration on Information Systems

December 2024

Arizona State University - Ira A. Fulton Schools of Engineering, Tempe, AZ

- Dean's List, Fall 2023

## TECHNICAL SKILLS

**Data Analysis:** Advanced Excel (PivotTables, Macros, Charts), Power BI, Tableau, Matplotlib, Seaborn

**Programming Languages:** Python (Pandas, NumPy, Scikit-learn), SQL, Java, JavaScript

**Front-End Development:** HTML, CSS

**Tools and Databases:** Django, Streamlit, Git, GitHub, Jira, AWS, Databricks, Docker, VMware, Jupyter Notebooks, BigQuery

**Other Skills:** Data Cleaning, Data Visualization, Data Migration, Predictive Modeling, Team Leadership, Fluent in Spanish

**Certifications:** AWS Cloud Practitioner (In progress)

## PROFESSIONAL EXPERIENCE

### The LEAGUE of Amazing Programmers, San Diego, CA: Program Manager

September 2021-Present

- Led operations for a technical school, overseeing 7 staff members and 20+ volunteers to deliver engaging lectures and improve organizational structure.
- Designed advanced Excel reporting to track onboarding and training, increasing staff retention by 20%.
- Built and maintained Java and Python curriculum, expanding program reach to 1,000+ students across San Diego.

### Border Angels, San Diego, CA: Programs Coordinator

December 2015 - Present

- Created automated Excel reporting systems and implemented volunteer management software using data analysis. Developed automated Excel reporting and implemented volunteer management software, saving \$40K+ annually through process optimization.
- Coordinated programs with 150+ volunteers each year, delivering aid to over 1,600 people along the San Diego border.
- Applied business intelligence techniques to quantify program impact and guide operational decisions.

### Starbucks, San Diego, CA: Store Manager

November 2013 - March 2021

- Directed a team of 30+ employees in a high-volume \$2.5M annual revenue location.
- Earned a spot in the Advanced Development Program, collaborating with top-performing managers to improve area-wide operations.
- Recognized as Starbucks Manager of the Quarter (FY20/Q1), San Diego Barista Champion (2017), and Coffee Master.

## RELEVANT PROJECTS

### [Sales Insights Dashboard](#), Individual Project

August 2025

- Built a sales analytics dashboard in Python and Streamlit, integrating Pandas for data cleaning and Plotly for 15+ interactive visualizations.
- Automated KPI tracking for \$2.3M+ sales and \$500K+ profit with dynamic filters by region, category, and time period.
- Enabled real-time insights through statistical calculations, dual-axis trend charts, and scatter plots with profit margins.

### [US Housing Market Analysis Dashboard](#), Individual Project

August 2025

- Designed an interactive Tableau dashboard analyzing 53 years of U.S. Census housing data (20,000+ records).
- Applied advanced Tableau features like cross-chart filtering, dynamic parameters, and multi-period comparisons.
- Identified key insights including 1,670% price appreciation and regional supply-demand imbalances.

### [Customer Churn Analysis Dashboard](#), Individual Project

July 2025

- Developed a machine learning dashboard in Python and Streamlit comparing Random Forest, Logistic Regression, Decision Tree, and SVM (85–90% accuracy).
- Built end-to-end ML pipeline using Pandas, scikit-learn, and Plotly, with interactive ROC curves, confusion matrices, and feature importance charts.
- Delivered actionable retention strategies by quantifying top churn drivers from telecom data.