

SUMMARY

Analytical and results-driven professional with 8+ years of experience managing programs and teams, now transitioning into data analysis. Skilled in Python, SQL, and data visualization tools like Tableau to derive actionable insights from complex datasets. Proven ability to lead cross-functional projects, automate reporting processes using advanced Excel, and build predictive models to support data-driven decision-making. Seeking an Analyst role to apply a strong foundation in analytics, stakeholder communication, and technical problem-solving to drive business performance.

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

Other Skills: Data Cleaning, Data Visualization, 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

- Manage a technical school by overseeing 6 staff members and over 40 volunteers in delivering purposeful lectures while developing organizational structure with day-to-day operations.
- Developed advanced Excel reporting to monitor onboarding and training, improving staff retention to 90%.
- Developed and maintained a curriculum in Java and Python to reach over 1,000 students throughout San Diego County.

RELEVANT PROJECTS

Sales Insights Dashboard, Individual Project

August 2025

- Built a comprehensive multi-page sales analytics platform with 4 specialized analysis tabs, interactive filtering, and advanced statistical calculations.
- Developed 15+ interactive visualizations including dual-axis trend analysis, scatter plots with profit margin sizing, and automated KPI tracking with real-time updates
- Enabled real-time filtering by region and time period, helping users uncover performance gaps and category insight.

US Housing Market Analysis Dashboard, Individual Project

August 2025

- Built interactive Tableau dashboard analyzing 53 years of US Census housing data (1963-2016) with 20,000+ records spanning national and regional metrics.
- Developed cross-chart filtering and dynamic controls enabling users to explore price trends, regional comparisons, and inventory patterns across multiple time periods.
- Identified key market insights including 1,670% price appreciation, regional supply-demand imbalances.

Customer Churn Analysis Dashboard, Individual Project

July 2025

- Built machine learning dashboard comparing 4 algorithms (Random Forest, Logistic Regression, Decision Tree, SVM) achieving 85-90% accuracy with cross-validation analysis.
- Developed interactive 5-section Streamlit dashboard with ROC curve comparison, confusion matrices, and advanced Plotly visualizations for comprehensive model evaluation.
- Implemented comprehensive analytics workflow including data preprocessing, model training, and performance evaluation to deliver actionable insights for customer retention strategies.

WORK EXPERIENCE

Border Angels, San Diego, CA: Programs Coordinator

December 2015 - Present

- Created automated Excel reporting systems and implemented volunteer management software using data analysis techniques, saving over \$40k through process optimization
- Lead various programs with over 150 volunteers year wide to help 1600+ people along the San Diego border.
- Applied business intelligence principles to quantify program impact and improve operational efficiency through data-driven decision making

Starbucks, San Diego, CA: Store Manager

November 2013 - March 2021

- Managed a team of 30+ employees in a 2.5 million-dollar a year location.
- Included in the Advanced Development Program cohort with top performing Store Managers peers to collectively develop and improve the Area.
- Starbucks Manager of the Quarter FY20/Q1, San Diego Barista Champion 2017, & Coffee Master