

Abhi Sorari

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Analytical strategist leveraging advanced analytics, AI, and visual storytelling to turn data into actionable insights that improve products, markets, and operations, enabling smarter business intelligence and driving data-driven strategies.

Work Experience

Product and Data Analyst Intern | Aerodome Technologies

May 2025 – Aug 2025

- Benchmarked competitors and identified 250–300 drones per show as optimal, boosting drone show contracts by 25%.
- Analyzed sales pipeline & customer segmentation to refine targeting efforts, enhancing lead conversion efficiency by 12%.
- Conducted market research on cultural preferences, tailoring marketing strategy projected to generate \$20,000+ in additional revenue.

Management Accounting Intern | Mary Lou Fulton Teachers College

Tempe, Arizona | Jul 2023 – May 2025

- Reconciled payroll for 30+ departmental accounts bi-weekly, ensuring grant compliance and reducing errors.
- Managed 20+ employee-related transactions daily, including expense reports, ICDC, and Subject Pay.
- Facilitated the processing of 50+ requisitions, contractor payments, vendor orders, memberships, and expense reports.

Research Business Aide | Mary Lou Fulton Teachers College

Tempe, Arizona | Sept 2022 – Jul 2023

- Performed thorough reviews & reconciliations of payroll data in 20 departmental accounts, ensuring accuracy & high reliability rate.
- Partnered cross-functionally with faculty and personnel to address and resolve order and inquiry issues, promoting efficient workflows.
- Established a systematic filing approach for 100+ financial documents streamlining retrieval processes during internal audits or reviews.

Class Facilitator | W.P. Carey School of Business

Tempe, Arizona | Aug 2022 – Dec 2022

- Directed a cohort of 19 freshmen, creating an engaging and supportive learning environment aiding college transition.
 - Developed and delivered tailored, impactful weekly presentations on various Arizona State University resources.
 - Designed and implemented comprehensive lesson plans on a weekly basis, focusing on essential topics and skills.
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Education

Master of Science in Artificial Intelligence in Business

Arizona State University | Tempe, Arizona | May 2026

Bachelor of Science in Business Data Analytics

Arizona State University | Tempe, Arizona | May 2025

Bachelor of Science in Supply Chain Management

Arizona State University | Tempe, Arizona | May 2025

Certifications

Career Essentials in Data Analysis

Microsoft and LinkedIn | Oct 2025

Career Essentials in Business Analysis

Microsoft and LinkedIn | Oct 2025

Skills

Programming & Tools:

Python (NumPy, pandas, scikit-learn, XGBoost, LightGBM), R, SQL (PostgreSQL, MySQL, Redshift, Oracle, NoSQL, Hive), SAS, GitHub, Jupyter, VS Code, Google Colab, LaTeX, Overleaf, Streamlit, Tableau, Power BI, Airtable, SharePoint, Advanced Excel (VBA, Power Pivot)

Machine Learning & AI:

Supervised/Unsupervised Learning, Regression, Classification, Clustering, NLP (TF-IDF, transformers, embeddings), Time Series Forecasting, A/B Testing, Feature Engineering, Model Evaluation, LLM Integration, AI in Business Applications, Model Deployment

Data Analytics & Business Intelligence:

Exploratory Data Analysis (EDA), Data Cleaning & Preprocessing, Statistical Inference, Hypothesis Testing (t-test, Chi-squared), Correlation Analysis, Design of Experiments, KPI & ROI Analysis, Dashboard Design & Automation, Product & Customer Analytics, Financial Forecasting, Data Storytelling, ETL & Data Modeling & Architecture, End-to-End Solution Development

Collaboration & Leadership:

Agile/Scrum, Cross-functional Communication, Public Speaking, Project Management, New Hire Training, IEEE & AAAI (Member)

Projects

Corporate Bankruptcy Early Warning System (Python • Databricks • MLflow • Streamlit)

2025

- Engineered recall-optimized CatBoost model (AUC 0.843, recall 77.8%) using 20 years of data to predict bankruptcy.
- Ran & tracked 40+ ML experiments in Databricks, improving Type II error by 22% through targeted feature engineering & tuning.
- Built & deployed a Streamlit app for portfolio-level screening & delivering actionable early-warning classifications.

Walmart Sales Performance Dashboard (Python • SQL • Tableau)

2025

- Cleaned and merged 100k+ weekly sales records with economic and store data using Python (pandas) into an analysis-ready dataset.
- Wrote SQL queries to evaluate holiday impacts, store efficiency, and department mix, delivering insights on revenue drivers.
- Designed an interactive Tableau dashboard with KPIs, time-series trends, and store comparisons for business decision-making.

Customer Churn Prediction & Retention Insights (Python • SQL • Vertex AI • Power BI)

2025

- Built churn prediction models (logistic regression: ~ 71%, random forest: ~ 96% accuracy) for customer retention strategies.
- Deployed the model in Vertex AI for real-time churn scoring; integrated SQL tables to prioritize retention outreach.
- Presented results in Power BI with visuals highlighting high-risk customer segments and recommended strategies.