Abhishek Sorari
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Education

Master of Science in Artificial Intelligence in Business	Arizona State University	Tempe, Arizona	August 2021-May 2026
Bachelor of Science in Business Data Analytics	Arizona State University	Tempe, Arizona	GPA 3.74
Bachelor of Science in Supply Chain Management	Arizona State University	Tempe, Arizona	

Skills'

Programming & Tools:

Python (NumPy, pandas, scikit-learn, XGBoost, LightGBM), SQL (PostgreSQL, MySQL),, MATLAB, Git, GitHub, Jupyter, VS Code, Google Colab, LaTeX, Overleaf, OpenAI API, Streamlit, Flask, Tableau, Power BI

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, KPI & ROI Analysis, Dashboarding, Product & Customer Analytics, Financial Forecasting, Data Storytelling

Collaboration & Leadership:

Agile/Scrum, Technical Writing, Cross-functional Communication, Public Speaking, Project Management, New Hire Training, Research Publication (IEEE/ACM-ready), AAAI/ACM Membership (Student)

Work Experience

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 and reconciliations of payroll data across 20 departmental accounts, ensuring the accuracy of records and achieving a 100% reliability rate.
- Collaborated with faculty and key personnel to resolve inquiries and address order issues, promoting clear communication and quick resolutions within 2 business days.
- Established a systematic filing approach for more than 100 financial documents that streamlined retrieval processes by reducing search time from hours to minutes 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 presentations on various Arizona State University resources, aligning with students' needs on a weekly basis.
- Designed and implemented comprehensive lesson plans on a weekly basis, focusing on essential topics and skills'

Supplier Administration Aide | ASU Financial Services | *Tempe, Arizona*   Jan 2022 – Sept 2022
- Streamlined the organization and maintenance of 200+ files on the network drive, improving accessibility
- Accelerated team workflow by handling 150+ general office tasks weekly, and other administrative duties.
- Processed 50+ entries into the Workday FMS daily, ensuring accuracy and compliance with university policies.

Projects

Medicaid Project | *Tempe, Arizona*   Jan 2025
- Conducted a comprehensive data analysis on U.S. Medicaid outpatient drug reimbursements using 2023–2024 CMS data, identifying top cost drivers and regional spending disparities across states.
- Developed a custom "Estimated Savings ($)" metric to quantify potential cost reductions from substituting high-cost brand drugs with generics and biosimilars, highlighting over $3.5 billion in total savings opportunities.
- Cleaned and integrated multi-source datasets performed state-level normalization and created visualizations.

Data Pulse | *Tempe, Arizona*   Feb 2024
- Analyzed company data using Excel, harnessing pivot tables & statistical functions to identify operational inefficiencies
- Constructed an executive dashboard to visually present 5 key metrics, streamlining communication with stakeholders
- Formulated a data-driven hypothesis to predict future business trends, supporting discussions and long-term planning

Data Visualizer | *Tempe, Arizona*   Oct 2023
- Formulated complex SQL queries on a dataset of 50,000+ records to extract insights, facilitating data-driven decisions
- Developed 10+ SQL queries ensuring data accuracy and relevance by obtaining precise results for comprehensive analysis.
- Integrated query results into Tableau creating 5 interactive dashboards, communicating trends and findings to stakeholders