

# Akash Mysa

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## WORK EXPERIENCE

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### JABIL | Junior Analyst

April 2025 – Oct 2025

- Elicited and documented **business requirements** for analytics and reporting solutions, translating them into **functional specifications and data definitions** for development and QA teams.
- Analyzed production and defect datasets across 1,800+ units, ensuring **98% data accuracy** to support operational decision-making and issue resolution.
- Performed **root cause and trend analysis** to identify high-impact failure patterns and support incident investigation and resolution.
- Built and maintained **SQL-based reports and dashboards** to track KPIs, test outcomes, and performance trends, contributing to a **50% reduction in recurring issues**.
- Automated **data extraction, validation, and reporting workflows** using Python, improving turnaround time for analysis by **60%**. Produced clear documentation, **executive summaries**, and PowerPoint presentations

## EDUCATION

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### Grand Canyon University, United States

CPI - 3.86/4

*Master of Science: Data Science*

*2023-2025*

### Gokaraju Rangaraju Institute of Engineering and Technology

CPI - 7.2/10

*Bachelor of Technology: Information Technology*

*2019-2023*

## TECHNICAL SKILLS

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**Data & Insights:** SQL, Python (pandas, NumPy), Machine Learning (NLP), Excel (PivotTables, Power Query), Power BI, Mixpanel, MoEngage, Google Analytics

**Collaboration Tools & GenAI:** Zoom, Microsoft Teams, Miro, Webex, Microsoft/Zoom Whiteboard, Prompt Engineering, LangChain

**Product, UX & Courses:** Agile Product Development, User Story Writing, Jira, Figma, Wireframe, Stakeholder Management, Cross-functional Collaboration

## PROJECTS

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### Sales Analytics Dashboard | *Python, Pandas, Streamlit, Plotly* | [Live](#)

- Built an end-to-end sales analytics dashboard using a transactional retail dataset (500K+ records).
- Performed data cleaning, transformation, and revenue engineering using **Pandas**.
- Developed 10+ business KPIs including **Revenue, AOV, Repeat Customer Rate, and Sales Trends**.
- Designed interactive visualizations for monthly revenue trends, top-performing products, and country-level analysis and deployed for production ready dashboard.

### Customer Churn Prediction System | *ML, Python, Scikit-learn, Streamlit, Github* | [Live](#)

- Built an end-to-end **churn prediction model using Logistic Regression** on 7,000+ telecom customer records.
- Performed **exploratory data analysis (EDA)**, feature engineering, and one-hot encoding for imbalanced classification.
- Developed probability-based risk scoring to identify **high-risk customers** and support **retention strategies**.
- Deployed a production-ready Streamlit web application for **real-time churn prediction**.
- Implemented model serialization and dynamic feature alignment to ensure consistent inference during deployment.

### End-to-End Supply Chain Analytics | *Python, Power BI, Machine Learning* | [Github](#)

- Leveraged 2 years of **daily transactional data to analyze demand, inventory, and sales trends**.
- Performed **data cleaning, transformation, and feature engineering** using Python (pandas, NumPy).
- Developed **predictive models using machine learning** to forecast demand and **optimize inventory levels**.
- Created interactive **visualizations and KPIs in Power BI to provide actionable insights** for supply chain decision-making.

## CERTIFICATIONS

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- Oracle certification of AI/ML by (Oracle) | [Link](#)
- The Joy of Computing using Python by (NPTEL India) | [Link](#)