Ujjwal Sharma

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Summary

Analytical professional with experience in roles such as Academic Technology Intern and Program Analyst, specializing in process improvement and data visualization. Successfully reduced processing time by implementing Power Automate and developed dashboards to enhance decision-making. Eager to leverage analytical and technical skills in business analytics to drive operational efficiency and strategic growth.

Education

California State University, Sacramento — **Jan 2025 - May 2026**
MS, Business Analytics — *Sacramento, CA*
- **GPA:** 4.0

San Jose State University — **Jan 2022 - Dec 2022**
BBA, Management Information Systems — *San Jose, CA*

Skills

- **Languages**: Python, SQL, R
- **Visualization & Tools**: Tableau, Microsoft Power BI, Dashboard Development, Matplotlib, Seaborn
- **Databases**: PostgreSQL, Microsoft SQL Server, MySQL, Star Schema, Relational Databases, ETL pipelines
- **Cloud**: GCP (BigQuery, DataFlow, Pub/Sub, Cloud Data Fusion), AWS (RedShift, S3)
- **Machine Learning & Analytics**: Scikit-learn, Pandas, NumPy, PyTorch, TensorFlow, Predictive Analytics, XGBoost
- **Other Tools & Technology**: Microsoft Excel, Microsoft Office, GitHub Actions, CI/CD, Automation, Agile

Experience

CSU Sacramento — **Aug 2025 - Present**
Academic Technology (Data Analytics) Intern — *Sacramento, CA*
- Implemented Power Automate for academic reporting, reducing processing time from 3 days to 1 day.
- Built 5+ BI dashboards in Tableau, enabling administrators to track academic technology adoption and metrics.
- Remediated 3+ Excel, PowerPoint, and Word documents for accessibility using Microsoft tools, improving document usability for all users.
- Solved 4+ ServiceNow tickets every day and improved customer satisfaction rate by 15 percent.

BACL Corp — **Feb 2023 - Jan 2024**
Program Analyst — *Sunnyvale, CA*
- Managed compliance of energy efficiency and safety programs, achieving a 100% audit success rate.
- Conducted in-depth project data analysis to identify process inefficiencies, leading to a 15% improvement in time efficiency and supporting cross-departmental resource allocation and decision-making.
- Created 3+ Tableau dashboards every week to show project metrics.
- Orchestrated 5 daily projects, closely overseeing progress and facilitating engineer communication.

B.O.K Ranch — **Jan 2022 - May 2022**
Project Intern — *Woodside, CA*
- Spearheaded the implementation of a Gantt chart, resulting in a daily time savings of one hour.
- Created an Excel template on Google Drive adopted by 50+ customers, reducing data entry time by 30%.
- Facilitated Scrum adoption, boosting team productivity by 3 hours per week.

Projects

Database Property Management System & BI Reporting — **Mar 2025 - May 2025**
- Implemented a robust OLTP database solution, improving transaction processing speeds by 40% and reducing data latency; ensured data integrity with comprehensive validation rules.
- Engineered SQL ETL pipelines and QA processes, ensuring 100% data accuracy across occupancy, maintenance, and revenue datasets, and delivered BI reports adopted by 5 departments.

Telecom Customer Churn Prediction — **May 2025 - Jun 2025**
- Developed a machine learning pipeline for telecom churn prediction, including data preprocessing (Yeo-Johnson transformation, feature scaling, PCA) to reduce preprocessing time by 20 percent.
- Utilized and assessed Logistic Regression, Random Forest, and SVM classifiers via 5-fold cross-validation, attaining an accuracy of up to 91.5%.

House Sales Dashboard — **Aug 2025**
- Designed and deployed an interactive Tableau dashboard leveraging filters, geographic mapping, and heatmaps to analyze 20K+ King County house sales records and uncover market trends.
- Identified pricing patterns in 20K+ King County home sales, showing most fell between $200K–$600K with condition and view quality driving premiums.

Certification

- **Google Business Intelligence Professional Certificate-Coursera:** July 2025-Sep 2025
- **AWS Cloud Practitioner:** Aug 2025 - Nov 2025