

Satkar Karki

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SUMMARY

I am a data sense-maker with strengths in fact-finding, documentation, and creating scalable, modular code that teams can rely on. Experienced in analytics-focused roles across finance, HR, and operations, pursuing opportunities as a data analyst or data scientist. Outside of work, enjoys cooking and rock climbing.

EDUCATION

MS in Business Analytics | *University of South Dakota, Vermillion, SD* (Jan 2024 – Dec 2025)

- **President, INFORMS Student Chapter** – Grew chapter to 40+ members, launched guest speaker series & data workshops, collaborated with local businesses to streamline procurement workflows for 2+ partners.
- **Relevant Coursework:** Data Mining, Database Management and Data Warehousing, Quantitative Analysis, Text Analytics, Business Analytics Modeling, Econometrics, Operational Analytics

Bachelors in Business Administration | *Westcliff University, Irvine, CA* (Jun 2016 – Jun 2020)

EXPERIENCE

Data Analyst (Finance Domain) | *Coyote Capital Management, Vermillion, SD* (Aug 2024 – Present)

- Improved return projections and drove 5% outperformance by building and translating insights from time-series forecasting models in Python for the Healthcare sector portfolio (~\$4M).
- Delivered live portfolio insights and streamlined allocation reporting by developing Power BI dashboards integrating Bloomberg API and internal portfolio data.
- Led adoption and education of Power BI reporting, training analysts to build and interpret investment reports independently, improving data literacy and efficiency across teams.

Data Analyst | *Krinjal Foundation, Austin, TX (Remote)* (Mar 2020 – Nov 2023)

- Achieved a 20% lift in donor conversion by building a data-driven targeting framework with SQL and Tableau to identify high-value contribution patterns and optimize outreach campaigns.
- Saved HR managers 20+ hours by introducing an Excel Solver-based model to automate staff scheduling and training HR teams to evaluate and adjust staffing contingencies effectively.
- Delivered executive-level presentations using Excel and PowerPoint for 50+ stakeholders, translating root-cause analysis of funding delays into actionable insights that ensured on-time delivery of STEM projects.

TECHNICAL SKILLS

- **Programming & Analytics:** Python, SQL (MS Server, Postgres), R, SAS, Spark, dbt
- **Data Visualization & Reporting:** Power BI, Tableau, Shiny, Streamlit, Excel
- **Tools and Frameworks:** ELT/ETL, Time-Series Forecasting, Regression & Regularization, Tree-based Methods, Dimensional Modeling, A/B Testing, NLP

PROJECT WORKS

- **Supply-Chain Forecasting (R, ARIMA)** – Built time-series forecasting models to optimize procurement planning, helping the client avoid a projected 15% cost spike and maintain pricing consistency.
- **NCAA Interactive Dashboard (Python, Shiny, SQL)** – Automated data collection for NCAA games and deployed an interactive dashboard for travel analysis, showcased at USD's IdeaFest research symposium.
- **Growth Analytics Pipeline (Python, SQL, GitHub)** – Built and deployed an ETL pipeline to classify subscription churn, enabling data-driven retention and upselling strategies for the growth analytics team.
- **Data Warehouse Design (SQL, ER Modeling)** – Redesigned legacy reservation system into a dimensional data warehouse integrating lodging and spa bookings, enabling cross-department trend analysis.