Satkar Karki

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SUMMARY

I am a data sense-maker with strengths in fact-finding, documentation, and building data products teams can rely on. My analytics work has connected operations, finance, and HR teams to clear, actionable insights through data translation and storytelling. Open to data analyst and data scientist roles. Enjoys cooking and rock climbing.

EDUCATION

- **MS in Business Analytics (STEM) |** *University of South Dakota, Vermillion, SD*   *Jan 2024 – Dec 2025*
- **Bachelors in Business Administration |** *Westcliff University, Irvine, CA*   *Jun 2016 – Jun 2020*

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, Classification, Clustering, Dimensional Modeling, A/B Testing, NLP

EXPERIENCE

Data Analyst | *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.

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.

LEADERSHIP AND HONORS

- **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.