MARISOL YAKE

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Data Analyst with a passion for transforming raw data into clear, actionable insights. I thrive on solving problems, simplifying complexity, and making data-driven decisions accessible to everyone.

SKILLS

- Skilled in active listening and critical thinking on-the-fly.
- Data Modeling: DBeaver, MySQL, PostgreSQL
- Data Visualization: Power BI, Tableau, Matplotlib, Seaborn, ggplot2
- Aptitude for skill-sharing with peers at all levels of technical skill.
- Statistical Analysis: SQL, Excel, Python, R
- Reporting Tools: PowerPoint, Jupyter Notebook, Jinja2, Quarto

PROFESSIONAL EXPERIENCE

Mountain Museum Management, Denver, CO   2024–2025
Data Analyst

- Integrated external data from 4 public data sources increasing the accuracy of baseline predictions by 23%, leveraging domain knowledge to improve forecasting estimates.
- Automated data collection from 2 public data sources using python to feed into 2 Power BI dashboards, which helped guide internal decision-making and identify potential areas for increased client engagement.
- Collaborated with non-technical stakeholders to translate client requirements into technical implementations, using the opportunity to share technical skills and domain knowledge.
- Summarized findings & recommendations based on datasets with over 130,000 records of collections in-take to optimize museum collection procedures.

University of Colorado Boulder, Boulder, CO   2022–2024
Research Assistant

- Developed an interview protocol and coordinated 25 remote qualitative research interviews with participants from across the United States.
- Presented preliminary findings in academic seminars to audiences of various sizes (30 - 200 people), receiving positive feedback for clarity of communication.
- Created and maintained a file-based database containing participant interview data, analyses, and research documentation.

PROJECTS

627 Stomp, Kansas City, MO   2018–2019
Volunteer Secretary Treasurer

- Delivered internal and external executive reports, summarizing data for 23 members.
- Led financial analysis to identify targeted recommendations for organizational growth; as a result, overall membership increased by 20%.
- Consulted with 13 members to identify opportunities for increased cost-efficiency; reducing course expenses by 35% in a year.

EDUCATION

University of Colorado Boulder, Boulder, CO   **ATTENDED** 2021–2024
B.S. Information Science, Minor in Philosophy