Katie Fischer

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Executive Summary

Transforms complex datasets into creative visual stories that engage and inform. Merges analytical rigor with design thinking to craft data narratives across formats—from interactive dashboards to print zines. Specializes in making data accessible and compelling for diverse audiences through thoughtful information design.

Education

Bachelor of Science in Information Science   *Minor in Creative Technology & Design*   **January 2022 - Present**

University of Colorado Boulder

Relevant Courses: Information Visualization, User-Centered Design, Designing Interactions, Information Exploration

Professional Experience

Cowgirl Creative Photography - Photographer   **January 2015 - Present**

- Analyzed client acquisition channels and conversion rates, optimizing Instagram marketing strategy to generate three to five new clients yearly through data-driven content decisions.
- Tracked sales performance metrics year-over-year, increasing print revenue by twenty percent through targeted product offerings based on purchase pattern analysis.

Jud Valeski - Personal Assistant   **June 2019 - May 2022**

- Optimized scheduling workflows by analyzing calendar patterns, reducing conflicts by thirty percent through data-informed time-blocking strategies.
- Tracked and visualized executive communication metrics, cutting average response time from twenty-four to six hours.
- Implemented digital filing system with improved search and retrieval capabilities, increasing document access speed by forty percent.

AIM House - Case Manager   **April 2020 - October 2021**

- Monitored progress metrics across eight concurrent family caseloads, achieving ninety percent goal-completion rate by tracking intervention effectiveness and adjusting support strategies.
- Documented and analyzed well-being metrics for over one hundred young adults, identifying twenty percent improvement in self-reported outcomes through data-informed program adjustments.

Technical Projects

Project: A Data-Driven Guide to Our National Parks   **January 2026 - Present**

- Integrated five data sources (NPS visitation records, World Bank economic data, airport databases, weather API, park coordinates) using Python to create travel planning visualizations for a sixteen page print zine.
- Designed forty-five year trend analysis comparing park visitation against US inflation rates, revealing economic factors influencing outdoor recreation accessibility.
- Applied science communication principles to balance data transparency with engaging storytelling, creating accessible visualizations for general audiences including state rankings, decade trends, and park comparisons.

Project: Rhythm: Holistic Menstrual Wellness App   **August 2025 - December 2025**

- Synthesized quantitative survey data (ninety-eight responses) and qualitative interviews (five sessions) into visual personas and journey maps identifying three critical pain points in existing menstrual tracking solutions.
- Designed data visualization features including trend graphs, cycle pattern recognition, and personalized health dashboards based on user-inputted biometric data.
- Created information architecture diagrams to communicate design decisions and improve navigation clarity through usability testing.

Project: Heavenly Snow, Horrible Traffic (Vail Ski Data Analysis)   **August 2024 - December 2024**

- Analyzed multi-source datasets using Python to identify that traffic trends influenced Vail Resorts' financial performance two times more than snowfall patterns.
- Designed interactive Tableau dashboards enabling stakeholders to explore relationships between variables through filtering and drill-down functionality.
- Presented production-ready visualizations to five key ski-area stakeholders, translating complex analytical findings into actionable infrastructure-planning recommendations.

Technical Skills & Professional Abilities

Data Visualization & Analysis: Tableau, PowerBI, Python (pandas, matplotlib, seaborn), SQL, Excel, Information Design, Printed Data Storytelling. **Design & Prototyping:** Figma, Adobe Creative Suite (Illustrator, InDesign), Wireframing, User Experience Research.
Tools & Collaboration: Google Colab, Google Suite, Slack, Jira. **Soft Skills:** Data Storytelling, Science Communication, Stakeholder Communication, Creative Problem-Solving, User Research.