Alison Rane

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PROFILE

Data engineering, automation, and business intelligence leader with nearly fifteen years of experience turning fundraising and organizational data into decisions. I architect end-to-end analytics platforms on Microsoft Fabric and Power BI, automate data pipelines and workflows, and advise leadership teams on how to use data well. I'm comfortable with technical and non-technical audiences, from engineers to boards. My focus is on automating the busywork and connecting systems to surface insights that drive action.

SKILLS

Certification: Microsoft Certified: Fabric Analytics Engineer Associate (DP-600)

Design & engineering: Analytics architecture · Lakehouse & data model design · System integration & APIs · Workflow automation · Deployment pipelines & version control · Dashboard & report design · AI-assisted development

Platforms: Microsoft Fabric · Power BI · Power Automate · Copilot Studio · Azure DevOps · Claude · ChatGPT

Fundraising systems: Blackbaud Raiser's Edge NXT & CRM · Blackbaud SKY API · Salesforce (Affinaquest, Ascend) · Microsoft Dynamics 365 (Ellucian Advance)

Consulting: Requirements discovery · Client advisory & business development · Training & documentation

EXPERIENCE

Associate Vice President, Data Engineering & Business Intelligence
BWF Zuri (formerly BWF) · Oct 2023 – Present

Associate Vice President (Jun 2026 – Present) · Senior Director of Business Intelligence (Dec 2025 – Jun 2026) · Director of Business Intelligence (Oct 2023 – Dec 2025)

- Architect end-to-end analytics on Microsoft Fabric and Power BI that measure and drive fundraising results across Raiser's Edge NXT, Blackbaud CRM, Salesforce (Affinaquest, Ascend), and Dynamics (Ellucian Advance).
- Built the Fabric infrastructure and shared schema behind three client products, with Azure DevOps pipelines that deploy template changes to every client environment.
- Led five Microsoft Fabric implementations, hands-on or advisory. One client was able to cut their annual giving summary work from four hours to ten minutes.
- Automate data refreshes and operational workflows with Power Automate and Fabric pipelines.
- Serve as the company's Blackbaud SKY API expert.
- Designed AI-assisted development processes and reusable skills that keep work portable across AI tools.
- Served 30+ clients across higher education, healthcare, and nonprofits, including multi-year relationships and renewals.
- Scoped and won 15+ engagements totaling close to $350K.
- Presented at bbdevdays 2026 and CASE DRIVE 2026.

Business Intelligence & Analytics Consultant
Independent Contractor · Jun 2023 – Oct 2023

- Provided business intelligence reporting and analytics to nonprofit clients.

Manager, Business Intelligence & Reporting
USO · Apr 2023 – Jun 2023

- Developed prototype R Shiny applications for interactive reporting on Posit Connect.
- Put the R code base under version control and documented how the core gift dataset is built.

Director of Business Intelligence, Consultant
Marts & Lundy · 2020 – 2023

- Led the CRM redesign, upgrade, and ERP integration, working with internal stakeholders and an external vendor.
- Redesigned CRM data workflows to set up sales pipeline management. Raised CRM adoption and helped the sales team retire shadow databases.

- Designed and built Power BI reporting for the board, executive leadership, finance, project managers, and consultants.
- Managed IT for a fully remote mid-sized firm and cut overspending by $35K a year within six months.
- Provided training and documentation for new project-management and time-tracking systems.

Director of Research & Development, Consultant
Marts & Lundy · 2018 – 2020

- Designed and built the firm's MySQL database of client data and a suite of Shiny applications, enabling benchmarking for the firm's core services.
- Designed and executed analyses in R and R Markdown to evaluate fundraising campaigns and programs for nonprofit clients.
- Managed an R&D team member and advised analysts and consultants on data-driven projects.

Associate Consultant, Analytical Solutions R&D
Marts & Lundy · 2015 – 2017

- Led R&D efforts, including survey analysis of nonprofit organizations and development of new analytical services.
- Designed standardized client data collection and reporting to allow cross-institutional research.

Advancement Data Analytics Specialist; Prospect Management & Research Analyst
Loyola University Chicago · 2012 – 2015

- Built leadership-level Tableau analyses of gifts, gift-officer metrics, and the prospect pool. Served as Tableau Server site administrator.
- Created predictive models for major, planned, and annual giving in SPSS. Evaluated 722 major-gift prospects from wealth screenings.

EDUCATION

MA, Political Science, Northwestern University

BA, Political Science and Philosophy, Loyola University Chicago