

Ben Spanswick

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15+ yrs Data & AI • 13+ yrs Leadership • B.Sc & M.Sc in Quantitative Fields

"Driving business value through rigorous, adaptive data science and AI leadership."

LEADERSHIP PROFILE

Experienced data and AI executive with a track record of building transformative teams and delivering enterprise impact in utilities, national security, and regulated industries. Adept at translating strategy into scalable, cloud-native, AI solutions. I believe leadership and value creation require bespoke approaches—there is no one-size-fits-all. My passion lies in designing tailored data science roadmaps, always focused on business outcomes and pragmatic innovation. Relentless in demanding that analytics and AI drive real value, not just technology adoption.

CORE STRENGTHS

- Trusted advisor to C-suite on AI transformation
- Strategic design of data products & AI/GenAI roadmaps
- Champion pragmatic, value-driven execution
- Budgeting, vendor and program leadership
- Build and scale high-performing data science teams
- Bespoke AI solutions aligned to business needs
- Rapidly master new domains and drive change
- Multi-cloud: Azure, AWS, Snowflake

TECHNICAL & MANAGEMENT TOOLKIT

AI / Analytics	AI (Agentic, RAG, LLMs), RPA, ML/DS, NLP, Forecasting, Optimization, Statistics
Cloud Platforms	Azure, AWS, Databricks, Snowflake
Infrastructure	Terraform, Docker, Kubernetes, CI/CD, VPC Networking, DataOps
Frameworks	SAFe Agile, Scrum, Kanban, OKR Governance, MLOps
Tools	MS Copilot, Claude Code, Git, Palantir, Power BI, Tableau
Languages	Python, R, SQL, Rust, Go, VB.NET

SELECTED EXPERIENCE

PPL Corporation Allentown, PA
Director — Data Science & Machine Learning 2022–Present

- Head of the AI team, driving shared practices, tools, and governance across three operating companies.
- Architect and execute multi-year AI and analytics roadmaps that translate C-suite strategy into scalable, actionable outcomes.
- Modernize multi-cloud infrastructure, launch generative and agentic AI pilots, and deliver measurable operational improvements.
- Serve as a strategic advisor to executive leadership, offering fresh perspective on leveraging data and AI for business transformation.

PPL Corporation Allentown, PA
Senior Manager — Data Science & Analytics 2019–2022

- Founded the enterprise Data Science Center of Excellence, standardizing analytics methods and enabling AI at scale.
- Led migration of legacy models to the cloud, accelerating time-to-value and improving organizational agility.
- Managed multimillion-dollar budgets and vendor portfolios, and mentored managers into senior leadership roles.
- Championed a culture where analytics and automation deliver tangible business value and continuous improvement.

Novetta (Accenture) Washington, DC
Manager — Data Scientist — FBI 2015–2019

- Led a team of cleared data scientists to develop cloud-native AI solutions for critical national security missions.
- Briefed senior intelligence officials on analytic breakthroughs and operational insights.
- Designed and deployed predictive risk and automation models to enhance investigative outcomes and mission success.
- Fostered cross-functional collaboration to embed data science into operational and decision-making workflows.

SRA (General Dynamics)*Supervisory Intelligence Analyst — ICE*

Washington, DC

2012–2015

- Built and led a counter-terror analysis team, introducing data-driven targeting approaches adopted agency-wide.
- Implemented inter-agency data sharing and analytic collaboration to advance national security objectives.
- Recruited, mentored, and upskilled analysts while cultivating a high-performance culture of continuous improvement.

SRA (General Dynamics)*Risk Analyst — FEMA*

Washington, DC

2010–2012

- Modeled national medical-supply chains to inform crisis preparedness and emergency response policies.
- Delivered actionable insights for emergency planning, resource allocation, and operational readiness.
- Collaborated with cross-functional teams to integrate analytics into national disaster response frameworks.

EDUCATION

Master of Science, Computer Science / Data Science

Southern Methodist University

Bachelor of Science, Information Technology / Risk Analytics

The Pennsylvania State University

INDUSTRY IMPACT

Chair, AEIC Data Analytics Council

Guest Lecturer at Lehigh and Temple Universities

Speaker at UAI, AEIC, Distributech, Utility Fortnightly, and Edison Congress

PUBLICATIONS

*Forecasting Power Consumption in Pennsylvania During COVID-19 — SMU Data Science Review**Universal Image Tagging for the Electric Utility Industry — AEIC***AWARDS & CERTIFICATIONS**

Top Secret SCI (inactive) • ODNI Meritorious Unit Citation • Microsoft Azure Data Fundamentals • Security+ • SAFe Agilist