

# Eric Jenvey

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## SUMMARY

An experienced data leader who has used data science techniques in multiple industries to create data products that drive strategy, including a product that drove over \$1MM in revenue annually, and another that helped to reduce cases over budget by 50%. Built a high-functioning, supportive, and growth-minded analytics department from the ground up at a law firm (started as sole employee, grew the department to five FTEs and two consultants). Bridged business and technical stakeholders to identify problems and develop data-driven solutions.

## EXPERIENCE

### *McGuireWoods LLP*

*Manager, Data Science | January 2018 to June 2022*

- Hired, coached, and managed performance for two data scientists and two data engineers, managed a software budget of >\$50K, and prioritized dozens of projects annually
- Increased direct revenue generation from <\$10K annually to over \$150K in two years, using only ~10% of team's allocation toward billable work
- Advised C-suite and executive-level stakeholders on several key firm initiatives, including legal service pricing, COVID-related HR issues, employee diversity, and staff forecasting
- Developed and deployed Settlement Predictor ML model in collaboration with product team for Fortune 50 logistics company's litigation, driving significant risk reduction over a 1K+ case portfolio
- Pioneered the use of advanced BI tools at the firm; founded, spread the use of, and maintained Power BI Report Server for entire organization (100s report users)
- Architected graph database based on attorney time entries (10MM+ records), and built network analysis to evaluate associate retention and staffing
- Initiated numerous innovation projects for the firm as a member of the firm's Practice Innovation Office, including a firm wide 20+ person Hackathon focused on Marketing Analytics
- Modernized analytical capabilities for firm's administrative departments, using Power BI to "upskill" firm's various analyst groups, totaling ~20 new Power BI developers
- Launched the Data Analysis Community of Practice, a 15-person interdepartmental group that regularly meets to discuss data analysis and visualization best practices

### *CapTech Consulting*

*Data Scientist | September 2012 to January 2018*

- Built a Random Forest classifier for Healthcare Analytics firm to replace a Medicare Risk Adjustment business rules engine, cutting maintenance time and cost by 5x, while improving accuracy
- Formulated roadmap for a Fortune 500 Utility to implement a Data Lake, and presented findings to COO, CIO, and other executive-level clients
- Designed, created, and deployed a Data Governance Reporting function for a Fortune 100 Bank's Enterprise Data Lake (Hundreds of technical users across the organization)
- Led two 15-person teams of new consultants to develop and optimize a price validation algorithm for a grocery store data aggregator, leading to \$100K+ savings in manual price validation

### *Elder Research Inc.*

*Data Scientist | June 2011 to September 2011*

- Implemented classification models (logistic regression, tree-based models) to predict consumer response to marketing campaigns for a major insurance corporation

## EDUCATION

Bachelor of Science, Systems Engineering with Distinction, University of Virginia  
Minors in Computer Science and Engineering Business

## TECHNICAL SKILLS

- Programming (Python, R, SQL)
- Data Visualization (Power BI, Tableau)
- Data Science tools (RStudio Workbench, Jupyter, AzureML)
- Databases (SQL Server, Oracle, Hadoop)
- Statistical Analysis (Classification, Regression, Causal Inference, Unsupervised learning, Experimentation)
- DevOps/Project Management (Azure DevOps, Jira, Version One, ServiceNow)
- Familiar with/Currently Learning: Airflow, Docker, Kubernetes, Airbyte, Snowflake, dbt

## THOUGHT LEADERSHIP

- "Taking Collaboration to the Next Step with Hackathons" - ILTA podcast - July 2021
- "Data Driven Dream Team" - ILTA>ON 2020 - August 2020
- "Understanding Data Through Visualization" - RVA Tech Summit - March 2019
- "Getting More from Litigation Data" - Legal Issues and Trends in Mortgage Origination and Servicing - February 2019

## CERTIFICATIONS

- O'Reilly Developer Certification for Apache Spark

## AWARDS

- 2021 FT North America Innovative Lawyers -- Shortlisted for Innovation in Data Analytics
- 2019 FT North America Innovative Lawyers -- Commended in the Talent, Strategy & Changing Behaviors category
- 2018 FT North America Innovative Lawyers -- Commended in the Technology category