Matthew Leary

I enjoy working with data to find and deliver insights, solve business problems, and build tools that help people work more efficiently. I moved into data science after 10+ years working in public policy and public relations.

Professional Experience

Present | 2022

Manager, Analytics

Markel Corporation — Richmond, VA

- Leads a team of data scientists and data engineers building pilot solutions and conducting experimental design at a Fortune 300 specialty insurance company
- Leverages test-and-learn methodology, delivering pilot solutions quickly to small groups to measure value before scaling products
- Prioritizes work based on customer engagement to understand pain-points and identify data-enabled solutions to suit business needs
- Uses Azure DevOps for the continuous deployment of applications to production environments, experienced with establishing and maintaining VMs in Azure
- Volunteered to run the Artificial Intelligence Community of Practice aimed at expanding capabilities across the organization

2022 | 2018

Senior Data Scientist

Markel Corporation — Richmond, VA

- Associate Data Scientist (2018-2020) - Data Scientist (2020-2021)
- Data science developer on an agile sprint team managing applications that prioritize and monitor incoming business submissions
- Develops, maintains, and deploys machine learning models, primarily GLMs, decision trees, and dabbling in unsupervised techniques
- Conducts ad hoc analysis to diagnosis trends, analyze model performance, and make business recommendations based on data and statistical tests
- Co-chairman of the Markel Veteran's Network, an Employee Resource Group (2020)

2018 | 2014

Legislative and Military Liaison

Virginia Department of Motor Vehicles — Richmond, VA

- Advisor to the commissioner and senior executives of an 1,800-person organization, representing the commissioner at the state legislature and senior-level meetings
- Communicated agency policies to the General Assembly and Military installations

2014 | 2005

Public Affairs Manager | Print Journalist

U.S. Army — Fort Bragg, NC

- Served in a variety of journalism and public relations roles with the 82nd Airborne Division, U.S. Military Academy and a Special Forces unit, including two deployments to Afghanistan
- Managed small, technical teams supporting high-risk training and deployments
- Named Distinguished Honor Graduate and Distinguished Leader Graduate during two Army leadership training courses

Education

M.S., Decision Analytics | M.B.A.

Virginia Commonwealth University — Richmond, VA

- Distinguished Alumni Award for developing an alumni analytics meetup group

B.S., Political Science

Campbell University — Buies Creek, NC

Contact

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Tech skills

- R
- Python
- SQL
- Azure / AWS
- Git

Current tech

- DevOps
- Databricks
- Azure
- Python
- Azure OpenAI

Learning focus

- ML Ops
- LLMs
- Databricks
- Cloud infrastructure
- Woodworking

Made w/ pagedown::html_resume
Code: github.com/mleary/resume
Last updated on 2024-02-03.