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

Manager, Experimentation & Analytics

Markel Corporation 📍 Richmond, VA

Present | 2022

- Leads a team of data scientists and data engineers building pilot solutions and conducting experimental design at a Fortune 500 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
- Remains a hands-on developer, regularly using R, Python, Git, Databricks, etc.

Senior Data Scientist

Markel Corporation 📍 Richmond, VA

2022 | 2018

- 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)

Legislative and Military Liaison

Virginia Department of Motor Vehicles 📍 Richmond, VA

2018 | 2014

- 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

Public Affairs Manager | Print Journalist

U.S. Army 📍 Fort Bragg, NC

2014 | 2005

- 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

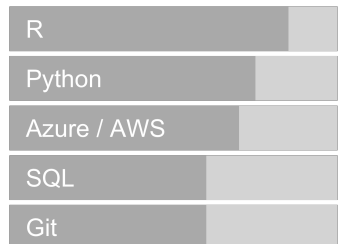Campbell University 📍 Buies Creek, NC

CONTACT

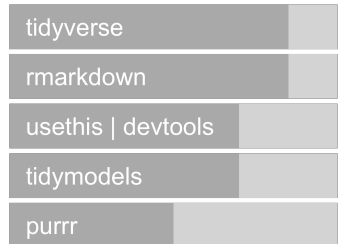- 🗺 Richmond, Virginia
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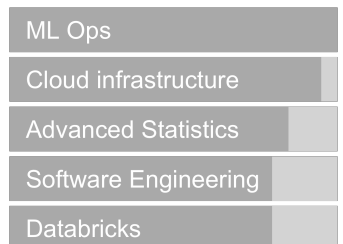- ✉ matt.leary@protonmail.com
- ⌂ github.com/mleary
- in linkedin.com/mbleary

TECH SKILLS

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

R SKILLS

- tidyverse
- rmarkdown
- usethis | devtools
- tidymodels
- purrr

LEARNING FOCUS

- ML Ops
- Cloud infrastructure
- Advanced Statistics
- Software Engineering
- Databricks