

# 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.

## 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

## PROFESSIONAL EXPERIENCE

### Manager, Experimentation & Analytics

Markel Corporation

Richmond, VA

- 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, DevOps, etc.

### 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)

### 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

### 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

## CONTACT

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mattleary.com

github.com/mleary

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

A/B Testing

Made w/ `pagedown::html_resume`  
Code: [github.com/mleary/resume](https://github.com/mleary/resume)  
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