# 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

**Present | 2018**

### Senior Data Scientist

Markel Corporation  📍 Richmond, VA

- Data science developer on an agile sprint team managing applications that prioritize and monitor incoming business submissions at a Fortune 500 company
- Develops, maintains, and deploys machine learning models, primarily GLMs, decision trees, and dabbling in unsupervised techniniques
- Conducts ad hoc analysis to diagnosis trends, analyze model performance, and make business recommendations based on data and statistical tests
- Uses Azure DevOps for the continuous deployment of applications to production environments, experienced with establishing and maintaing VMs in Azure
- Communicates technical matters, such as model selection and maintenance, to business owners and works to advance the analytics capabilities within the company
- Regularly uses R, Python, Git, SQL, Azure DevOps, and secretly Excel
- Sources data from databases, APIs, XMLs, JSON, PDFs, free text, etc.
- R advocate within the organization, exploring the development of internal R packages
- Co-chairman of the Markel Veteran's Network, an Employee Resource Group
- Associate Data Scientist (2018-2020) - Data Scientist (2020-2021)

**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
- Project manager for a study requested by the General Assembly, coordinating with external stakeholders to include state agencies and private businesses
- Explored automating manual reports and data aggregation with R

**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
- Provided consequence management planning for more than 20 Special Forces units training off military property, coordinating with law enforcement
- Named Distinguished Honor Graduate and Distinguished Leader Graduate during two Army leadership training courses
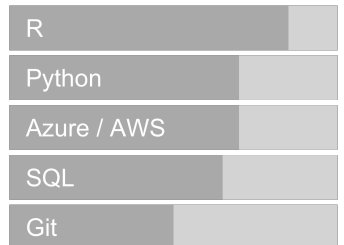
## CONTACT

- 📍 Richmond, Virginia
- 📞 910.988.6368
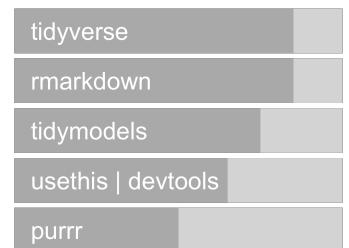- ✉ matt.leary@protonmail.com
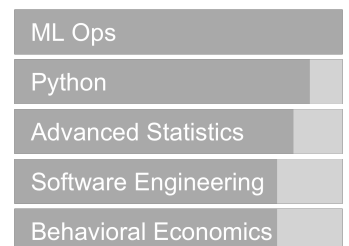- 🌐 mattleary.com
- github.com/mleary
- linkedin.com/mbleary

## TECH SKILLS

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

## R SKILLS

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

## LEARNING FOCUS

- ML Ops
- Python
- Advanced Statistics
- Software Engineering
- Behavioral Economics