

MATTHEW LEARY

Data Scientist | Veteran | Tottenham Hotspur supporter

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

Data Scientist (as of 2020) | Associate 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 techniques
- 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 maintaining 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

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

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

SQL

Git

R SKILLS

tidyverse

rmarkdown

tidymodels

usethis | devtools

purrr

LEARNING FOCUS

Python

ML Ops

Advanced Statistics

Software Engineering

Behavioral Economics