

SUMMARY

- Bachelor of Science in Mathematics with an Emphasis in Actuarial Science and Mathematical Finance (minor in Accounting)
- Senior Analyst, Business Analytics for CVS Health
- Programming & Visualizations: R, Python, SQL, SAS, Agentic AI Tools, VBA, Shiny, Tableau
- Database Management: SSMS, Teradata, GCP, PostgreSQL, DuckDB, Access, Excel

WORK EXPERIENCE

- **Senior Analyst, Business Analytics** **August 2024 - Current**
CVS Health
 - Leveraged medical and pharmacy claims to produce executive-level analyses, annual reports, and client presentations supporting the Accordant Complex Condition Management Program.
 - Developed automated analytic processes, new client validation checks, and PDC-based medication adherence measures across member and client populations.
 - Answered ad hoc inquiries and evaluated program performance of client-specific pilot programs.
 - Collaborated across product teams to deliver reports for Weight Management, Transforming Diabetes Care, Pharmacy Advisor, and Drug Savings Review.
 - Identified and resolved data anomalies through exploratory analysis and comprehensive root-cause analysis, enhancing data quality, reliability, and stakeholder confidence in reporting outcomes.
- **Data Management Analyst I** **November 2022 - August 2024**
Department of Epidemiology, University of Florida
 - Conducted exploratory data analysis (EDA), statistical analysis, and data management for the *All of Us* database through the National Institute of Health.
 - Created charts, tables, and other various visualizations to effectively present analysis for researchers and monthly data reports utilizing R.
 - Provided statistical consulting to researchers and designed analysis workflows for them, and worked on creating materials to help them with the *All of Us* Researcher Workbench.
 - Facilitated data consulting for investigators working on other projects from the CDC and NIH.
 - Created interactive dashboards for tracking COVID-19 surveillance efforts.
- **Profit and Data Analyst Intern** **June 2021 - August 2021**
Cox Automotive Inc.
 - Created weekly profit reports for each staff technician and documented weekly reported hours.
 - Carried out quality assurance checks and filled out invoices.
 - Calculated fuel usage metrics each week for staff technicians by validating gas purchase receipts.

EDUCATION

Bachelor of Science **Graduated May 2022**

Major: Mathematics with an Emphasis in Actuarial Science and Mathematical Finance

Minor: Accounting

University of Missouri, Columbia, Missouri (Grade Point Average: 3.72)

SKILLS

Core Concepts: Experience with Observational Medical Outcomes Partnership Common Data Model (OMOP CDM); Neural networks; Git and GitHub; Linear and generalized linear models; Monte Carlo simulations; Regression; Statistical modeling and diagnostics; ICD, NDC, CPT, HCPCS, and Rev codes

Programming and Analysis: R; Python; SQL; SAS; Agentic AI Tools, Visual Basic for Applications (VBA); Power BI; Tableau; R Shiny; Quarto; Git; RStudio; Jupyter Notebook; Spyder IDE; GitHub; Markdown

Database Management: MS SQL Server Management Studio (SSMS); Teradata; Google Cloud Platform (GCP); PostgreSQL; DuckDB; MS Excel; MS Access; Quickbooks; REDCap; Qualtrics

Other Skills: Word; PowerPoint; Teams; Zoom; Outlook; SharePoint; Canva

PUBLICATIONS

Fenton MP, Swacil K, Striley CW, et al. Barriers to healthcare utilization among adults engaging in heavy drinking: Results from the All of Us research program. *Prev Med.* 2025;198:108356.

doi:10.1016/j.ypmed.2025.108356