

JARYT D. SALVO

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PROFESSIONAL SUMMARY

Analytics professional who owns the full path from raw data to decisions: pipelines, models, dashboards, and the stakeholder narrative that drives adoption. Experience spans risk-analytics consulting (policy benchmarking, TCOR, executive Power BI), applied crime-pattern research (Prophet forecasting, Shiny, geospatial analysis; ACJS 2025), and curriculum/training design that teaches non-specialists to use modern tools. Fluent in Clojure, Python, R, SQL, Power BI, and AI-assisted reproducible workflows (Typst, Docker, Git)—optimized for speed without sacrificing reviewability.

PROFESSIONAL EXPERIENCE

Hudson Memorial School (SAU 81) Hudson, NH
Computer Science Teacher (Grades 6–8) Aug 2025 — Present

- Designed Computers 6–8 curriculum (Microsoft Office Suite, web, Clojure) with labs, assessments, and Git-reviewed training materials; coached non-specialists through technical change for adoption

Bowling Green State University — Center for Justice Research Bowling Green, OH
Graduate Research Assistant Jan 2024 — Aug 2025

- Automated cleaning and geocoding ETL for Toledo Police data—~75% less manual processing from disparate sources
- Delivered a Shiny crime/demographics dashboard for practitioner stakeholders ([MapApp](#)); Prophet forecasts across six categories / 90+ tracts (500K+ records); ACJS 2025

Eswatini Medical Christian University Mbabane, Eswatini
Computer Science Lecturer, Peace Corps Response Oct 2022 — Oct 2023

- Delivered five CS courses (Foundations I & II, Data Mining (EDA), Regression Analysis, AI/ML); R analytics curriculum; supervised National Library capstone system

Risk International Fairlawn, OH
Risk Analytics Specialist Oct 2021 — Sep 2022

- Built a policies database benchmarking premiums, retention, and limits by line
- Owned ETL-to-dashboard delivery: SQL through DAX into Power BI for operational and executive review

Japan Exchange and Teaching (JET) Program / Peace Corps Japan / Malawi
Language & Secondary Education Specialist Aug 2018 — Aug 2020 / Jun 2014 — Jun 2016

- Cross-cultural instruction and curriculum co-design with local partners; coached pedagogy and process improvements in resource-constrained settings

SELECTED PROJECTS

Functional PCA in Clojure 2024

- Implemented PCA with Neanderthal / scicloj; validated against scikit-learn for reproducible analytic methods

Toledo Crime & Demographics Dashboard 2024

- Integrated police and census sources into tract maps, rate/count views, and sector overlays

Power BI Management & Hours Reporting 2022

- Centralized model with RLS; director dashboards with hours roll-ups and dynamic EOY forecasts per client team

EDUCATION

Bowling Green State University Bowling Green, OH

- MSc** Analytics (4.0), 2020–2021 · **MA** Cross-Cultural & International Education (4.0), 2017–2018 · **BSc** Education (Math minor), 2011–2014

TECHNICAL SKILLS

Data & BI: SQL, ETL, Power BI (DAX, RLS), Excel, Tableau, root-cause analysis · **Programming:** Clojure, Python, R · **Analytics:** Forecasting, regression, ML, clustering, geospatial patterns · **Delivery:** Executive communication, technical training / curriculum design, change adoption, cross-functional collaboration