

Gaffar Solihu

Healthcare Data Analytics & Population Health

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Portfolio: gaffar-health-analytics.gaffig4ever2007.chatgpt.site

Healthcare data analyst specializing in patient-data preparation, data integration, complex Power BI models, and population-health reporting. I build dashboards, APIs, and web reports that help directors track programs and plan.

EXPERIENCE

Data Analyst | Ballad Health

February 2023 - present | Johnson City, Tennessee

- Use Epic daily for chart and EHR review, working with patient, visit, and claims data and models; support dozens of population-health projects.
- Integrate Epic extracts and program data in Power Query; build relationships and DAX measures for complex clinical and operational reports.
- Build APIs to feed Power BI dashboards and develop web reports for population-health analysis.
- Own requirements, preparation, modeling, validation, publishing, refresh troubleshooting, and stakeholder support.
- Support tobacco cessation, OB/GYN, health-related social needs, child care, and premature-mortality reporting; contribute to community health assessment, including the 2024 CHNA process.

SELECTED PROFESSIONAL PROJECTS

Tobacco cessation analytics. Multi-source Epic integration and Power BI modeling for referrals, enrollment, outreach, caseload, and documented cessation.

YPLL75 public report. Analysis, validation, and public web reporting to inform population-health priorities. Project lead; co-contributor: Jacob Blevins.

PopHealth Data Portal. Public indicator discovery, source navigation, and county-level data views supporting community health assessment.

Child care operations. Weekly reporting from Excel or REDCap extracts to Power BI for enrollment, staffed capacity, and waitlists across several centers.

TECHNICAL SKILLS

Reporting & modeling: Power BI, DAX, Power Query / M, relational models, data validation

Integration & analysis: SQL / T-SQL, Python, R, pandas, NumPy, APIs; JavaScript and TypeScript for public products

Healthcare data: Epic chart and EHR review; patient, visit, and claims data and models; REDCap, Excel

Privacy & safety: HIPAA awareness, patient confidentiality, responsible PHI handling, and patient-safety awareness

EDUCATION & TRAINING

M.S., Operations Research - North Carolina State University, 2022

M.S., Mathematics - East Tennessee State University, 2021

B.Sc., Mathematics - University of Ilorin, 2014

Data Science for All, Correlation One (2023) | Machine Learning, Stanford Online (2022)

Python for Data Science and AI; Data Analysis with Python, IBM (2020)