Martin Q. Semadegbe

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SUMMARY

Healthcare data analyst with 7+ years in healthcare and GIS. Expert in SQL, R, Tableau, and GIS tools. Delivers fast insights, improves programs, supports policy decisions.

TECHNICAL SKILLS

- SQL (TOAD, Oracle)
- R, Python
- Tableau, Excel
- GIS: ArcGIS, QGIS, ERDAS IMAGINE, FME, GeoDa
- Predictive analytics, reporting

PROFESSIONAL EXPERIENCE

Data Analyst | Colorado Dept. of Healthcare Policy and Financing

Denver, CO | 2022 – Present

- Built SQL queries to extract and analyze Medicaid data.
- Built Tableau dashboards that cut decision time.
- Ran predictive models in R to improve program results.
- Wrote reports that explained findings in plain language.

Geospatial/GIS Developer | Freelance

Aurora, CO | 2019 – Present

- Built geospatial tools with APIs, Oracle Spatial, and FME.
- Managed ArcGIS Enterprise for client projects.

Geospatial/GIS Analyst | Geospatial Intelligence Center

Boulder, CO | 2017 – 2019

- Processed multi-spectral and hyperspectral images.
- Produced orthophotos and maps with high accuracy.

Research Assistant | Charité Hospital

Berlin, Germany | 2011 – 2017

- Collected data for EU-funded diabetes study.
- Ran surveys, interviews, and clinical tests.
- Helped publish findings on migrant health.

Software Test Engineer | CriticalPath

Berlin, Germany | 2007 – 2010

- Tested messaging software and logged defects.
- Wrote technical docs for QA process.

EDUCATION

MSc. Health Informatics (Data Analytics Major) – Logan University | Summa Cum Laude

MSc. Geodesy & Geoinformation Science – TU Berlin / Carinthia University (Not completed)

B.A. Economics & Geography – University of Cape Coast, Ghana