

Solomon Dorsey

Data Scientist

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SUMMARY

Experienced Data Scientist with a strong background in Python, R, Tableau, and data modeling techniques. Skilled in quantitative analysis, data visualization, and enterprise data warehousing. Proficient in SQL, JavaScript, and NoSQL with expertise in implementing data science techniques and full stack web development. Adept at collaborating with cross-functional teams and optimizing data processes for efficiency and accuracy.

Career Experience

QC Data Analyst II Oct '21 - Present
Fujirebio Diagnostics Malvern, PA

- Elevated operations by guiding & training QC analyst team, achieving 30% efficiency increase & faster testing. Collaborated on Quality Control documents and SOPs
- Implemented GMP-standard Quality Control techniques such as spectrophotometry to ensure adherence to industry benchmarks, resulting in a **15% improvement in product quality**
- Resolved testing data errors in **PL/SQL developer QC database** within 24 hours, significantly enhancing data accuracy
- Enhanced testing efficiency by swiftly resolving quality control equipment malfunctions to minimize downtime by **20%**, ensuring seamless laboratory tests
- Ensured 100% data accuracy & reliability for audits using Excel, Python, SQL, & data cleaning software; **Implemented automated data tools for streamlined processes**
- Utilized SQL, Power BI, & Report Builder for specific query projects, collaborating with IT, QC Data Scientist, & data Analysis teams to **reduce data management time**

Education

B.S. Biology Aug '17 - May '21
Loyola University Maryland Maryland
M.S. Data Science Aug '23 - Sep '24
Eastern University

Certification

Full Stack Web Development Boot Camp Certificate May '22 - Nov '22
University of Pennsylvania Philadelphia, PA

KEY SKILLS

Python
JavaScript
R
Tableau
React
Node.js
SQL & NoSQL
Enterprise Data Warehousing
Data Science
Microsoft Azure
Statistics
Machine Learning
Microsoft Power BI
Microsoft Excel
Microsoft PowerPoint
Research