**Derelle Kirksey**

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Portfolio: https://citizenSNPs.github.io

**Profile**

Data analyst and engineering professional with experience at multiple large fast-paced public companies. Polished written and presentation skills and business savvy in interpreting and applying data. In-depth knowledge of relational databases, analytics, and business intelligence.

**Experience**

**Amazon – San Diego, CA**

*Data Analyst II / Business Intelligence Analyst II 09/2022 – 03/2023*

* Creates product and customer insights from customer survey data via Excel/SQL/Python/Amazon Quicksight/Redshift
* Translates Customer Experience survey findings (e.g. NPS, CSAT) and other sources of feedback (e.g. customer comments) across different touch points into actionable insights and influence decision making and business optimizations
* Represents the voice of customers by sharing insights and collaborating with appropriate business partners to drive improvements and customer-centric decisions
* Designs and builds insight-driven tools, reports, and dashboards that provide real-time and easy access to customer feedback across the organization

**Johnson & Johnson/Janssen R&D - San Diego, CA**

*Clinical Data Analyst II**01/2022 - 09/2022*

* Performed multivariate analysis of biomarker data in connection with neuroscience clinical trials for developing biomarker-based patient subgroups
* Implemented statistical techniques and created data models to validate data interpretations and to improve predictions of clinical trial results
* Created analytical tools in Python to generate and validate hypotheses and to support statistical/clinical teams in finding new leads

**Illumina - San Diego, CA**

*Engineer I – Development**08/2019 - 06/2021*

* Managed onboarding and validation tasks for existing lab equipment and test operations for new and existing lab management protocols
* Developed Hamilton and Tecan liquid handling scripts for product software systems and high-volume manufacturing use
* Led the design, development, and procurement effort for a replacement Laboratory Information Management System (LIMS) via AWS Lambda and Illumina’s InterOp sequencing library, and single-handedly maintained frontend (AngularJS), DevOps (Rancher), and backend/database (MySQL) operations for Illumina’s CORE LIMS system, SAGE/Rex

*Clinical Laboratory Technician II / Data Analyst* *06/2016 - 08/2019*

* Customized SQL queries and created new data analytical tools using Python, R, Microsoft SQL Server, and Tableau
* Successfully led an interdepartmental team in the validation of Illumina LIMS software
* Proactively developed automated processing scripts in Python to review QC data, built to replace previous manual

spot-check process

* Underwent Intermediate/Advanced Tableau training for data visualization and dashboard creation

**Education**

B.S., Neuroscience & Behavioral Biology *2010 - 2015*

*Emory University - Atlanta, GA*

**Certifications**

* Hamilton MICROLAB VENUS Software Training I #VST119.11
* Tecan EvoWare Liquid Handling Standard Software Training I

**Publications**

Datta, R., & Kirksey, D. (2022). Preservation of myelin in patients with relapsing multiple sclerosis treated with ponesimod compared to teriflunomide. Multiple Sclerosis Journal, 632.

biotech pharma biotechnology clinical research data analyst data scientist business analyst statistics