Derelle Kirksey

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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.