Jacob Odeny

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Professional Summary

Experienced Clinical Data Manager with a demonstrated history of working in the clinical research industry and public health. Skilled in eClinical solutions (elluminate, Veeva CDB, Medidata, Medrio), data visualization (R-shiny, Tableau), database management (Ms Access, SQL, MySQL), and data analysis (STATA, SPSS, Python, R, SAS). Adept at system administration, process improvement, and cross-functional collaboration.

Professional Experience

Clinical Data Engineer

Takeda (via Phastar) - FSP| Feb 2023 – Present

- Configured data import/export pipelines in **elluminate/Veeva CDB** for clinical studies for ETL/ELT.
- Programmed **Data Central dashboards, CDA** and **Graphical Patient Profiles** using elluminate/Qlik Sense to support data reviews and risk-based quality monitoring (RBQM) of trial sites.
- Supported other cross functional teams with programming of **validation/safety/review listings** using Veeva/elluminate/JReview/R.
- Developed **Shiny applications** to automate RBQM processes and improve data workflows.
- Configured and validated **RBQM** data configuration specifications.
- Served as the point of contact for programming and data ingestion issues, resolving discrepancies in collaboration with EDC/Stats/Clinical Science teams.
- Created and validated **Data Visualization** specifications.
- Configured **FTP protocols** and **APIs** for secure data transfer between CDB/Medidata and elluminate/Clinical Data Lake.
- Generating and reviewing Work Instructions, Standard Operating Procedures, and Templates to improve on study processes.
- Onboarded/trained new team members on study configurations and SOPs.

Clinical Data Manager

Phastar | Feb 2021 – Present

- Led **eCRF programming**, **UAT testing**, and **edit check programming** for eCRFs.
- Built and validated clinical databases, ensuring compliance with **CDASH/SDTM standards**.
- **Performed comprehensive data reviews** to identify anomalies, trends, and protocol deviations.
- Generated **QC reports** and data listings to identify anomalies, reducing query resolution time by 30%.
- Mentored junior staff in data management best practices and tools (Medidata, Medrio).

Data Manager

Kenya Medical Research Institute (KEMRI) | Mar 2019 – Feb 2021

- Designed **electronic data capture tools** (ODK, CommCare) for field studies.
- Cleaned and analyzed datasets using **SPSS/STATA/R**, improving data accuracy by 25%.

Prior Roles

- **Data Officer**, University of New Mexico/KEMRI (2013–2019)
- **Data Clerk**, CDC/KEMRI (2010–2012)

Education

Bachelor of Science, Computer/IT Administration
KCA University

Certifications

- **SAS Programming 1: Essentials**
- **Veeva CDB | elluminate | Jreview | Medidata Rave EDC Certified PI**
- **Data Protection** Strathmore University, CIPIT Law
- **Amazon Web Services Cloud Practitioner** (Udemy)
- **Power BI - Data Analytics Essentials with Power BI** (Udemy)
- **Ethics and Review of Interventional Clinical Research** WHO
- **SQL/Python/CSS/HTML/JavaScript/PHP Fundamentals** (Sololearn)
- **Machine Learning** (Udemy) | **R Programming for Data Science** (Udemy)
- **Monitoring and Evaluation in Global** Health (University of Washington)

Skills

Technical:
EDC Tools (Veeva, Medidata and Medrio)|Data Analysis (R, STATA, SPSS, Python, SAS) | Database Design (SQL, MySQL, Ms Access)

Soft Skills:
Mentorship | Cross-functional Collaboration | Process Optimization| Excellent communication|

Good time management

Publications

- **The emergency obstetric and neonatal care training; trends of maternal outcomes before and after training in the hospitals in Siaya County, Western Kenya.** https://www.journalijdr.com/emergency-obstetric-and-neonatal-care-training-trends-maternal-outcomes-and-after-trainingin
- Challenges in diagnosis of pediatric tuberculosis: A case study in Siaya County Referral Hospital, Western Kenya. Presentation Number: 1769, Poster Session C https://www.astmh.org/ASTMH/media/Documents/ASTMH-2015-Abstract-Book-Final.pdf

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Awards 3× Bronze Spot Award (Phastar, 2022–2023):
Recognized for leadership in training programs, excellent Database Programming, SOP development, and client satisfaction.

Referees (Contacts available upon request)

Ms Pamela Adede	Mr. Cornelius Tanui	Ms Winnie Chepng'eno
Designation: Data Manager	Designation: Data Science Programmer	Designation: Quality Responsible
Company: Phastar Ltd	Institution: ICON Plc	Institution: Roche, Kenya
Relationship: Colleague	Relationship: Professional mentor	Relationship: Professional mentor