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, Medidata, Medrio), data visualization (R-shiny, Tableau), database management (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.
- Programmed **Data Central dashboards, CDA** and **Graphical Patient Profiles** using elluminate/Qlik.
- Supported other cross functional teams with programming of **validation/review listings** using Veeva/elluminate/JReview.
- 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.
- 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.
- 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 Rave, 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

- **Data Protection** Strathmore University, CIPIT Law, 2024
- **Medidata Rave EDC Certified PI** (2023)
- **SQL/Python Fundamentals** (Sololearn)
- **Machine Learning** (Udemy) | **R Programming for Data Science** (Udemy)

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

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Awards

- **3× Bronze Spot Award (Phastar, 2022–2023):**
  Recognized for leadership in training programs, excellent Database build, 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	Institution: ICON	Institution: Roche, Kenya
Position to me: colleague	Position to me: Professional mentor	Position to me: Professional mentor