

## 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.

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## 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)

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## Education

**Bachelor of Science, Computer/IT Administration** (*First Class honors*)  
*KCA University*

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## Certifications

- **SAS Programming 1: Essentials**
  - **Veeva CDB | illuminate | 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)
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## 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

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## 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.
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## 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