

## Data Engineer at Co-operative Bank of Kenya

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Company: JobWebKenya

Location: Kenya

Category: computer-and-mathematical

### Job Description

The Co-operative Bank of Kenya Limited is incorporated in Kenya under the Company Act and is also licensed to do the business of banking under the Banking Act. The Bank was initially registered under the Co-operative Societies Act at the point of founding in . This status was retained up to and until June 27th when the Bank's Special General Meeting resolved to incorporate under the Companies Act with a view to complying with the requirements for listing on the Nairobi Stock Exchange (NSE)

### The Role

#### **Specifically, the successful jobholder will be required to:**

Creation, scheduling, testing, deployment, and maintenance, of data pipeline from different source to required destination with the required transformations for reporting (ETL).

Deployment of data science models.

Identify, analyze and interpret trends or patterns in complex data sets using statistical techniques and provide reports. Acquire data from primary or secondary data sources, maintain databases/data systems, and apply ETL procedures to normalize data.

Gather information from business users to understand their detailed requirements and expectations, analyze business/use case requirements from BI analysts to determine operational problems, define data modelling requirements, gather and validate information, apply judgement and statistical tests and develop data structures to support the generation of business insights and strategy.

Carry out analysis of requirements and recommend solutions to address user requirements. Manage the queue of requests and communicate to the appropriate advanced analytics, BI or data management functions.

Assist in preparing system definition/specification by the users highlighting technical requirements and roll out BI Solutions to stakeholders. Assist in developing and implementing a program of continuous improvement of BI processes through a cycle of analysis of existing systems, processes and tools, identifying areas for improvement, implement high impact changes and get feedback from stakeholders. Make changes to system/database configurations and parameters to accommodate business and technological requirements.

Build visualizations to summarize and make presentations to business and other key stakeholders. Filter, clean data and review reports, print outs and performance indicators to locate and correct code problems.

Secure BI solutions by putting adequate controls and restrict access to programs by users in accordance to the requirements of the Bank.

Understand Key Performance Measures and Indicators that drive company performance measurement and reporting as well as analytics across functions and understand how these metrics and measures align and track against overall business strategies, goals and objectives.

Guide the business in drawing report formats & wireframes and advice on the best approach to transform data and automate reports as well as Design and code reports/dashboards according to user specification with the key objective to deliver reports that will assist in decision-making and control.

Develop and maintain documentation/manuals on system configuration or set up, carry out technical user training as required to enable users interpret BI reports as well as deal with data, dashboards and report queries from users and resolve or advise them accordingly.

### **Skills, Competencies and Experience**

The successful candidate will be required to have the following skills and competencies:

Bachelor of Science degree in Computer Science, IT, Software Engineering, or any other

degree in related fields.

A minimum of 3 years' experience in Data engineering, BI & Software Development using Oracle.

Strong knowledge and experience with ETL tools (Oracle ODI, Microsoft SSIS, Talend), query languages (Oracle PL/SQL, SQL), programming languages (Java, C# )

Experience with Dimensional data modeling, data management and data processing.

Knowledge of statistics and experience using statistical packages in analyzing large data sets (Python, SPS, SAS, Excel etc.) will be an added advantage.

Knowledge of Big data tools (Hadoop, Apache Hive, Scala, Kafka, Apache Spark)

Knowledge of visualization tools (OBIEE, Admin tool, Power BI, SSRS, Tableau, click view)

Technical expertise regarding data models, database design development, data mining and segmentation techniques is desired.

Very good knowledge of Windows Operating Systems and a fair knowledge of Unix & Linux.

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#### Cross References and Citations:

1. Data Engineer at Co-operative Bank of Kenya [TheflexiblejobsJobs Kenya Theflexiblejobs](#)



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