

## Personal details



Mary Mbugua



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Female

## Skills

cloud based database solutions

SQL

Oracle PL/SQL

Oracle Forms

Linux OS

Data modelling

Data Analytics

Pyhton

Tensor Flow

## Languages

English

## Education

### Diploma in Data Science

Jan 2022 - Jul 2022

Moringa School, Nairobi

- Becoming a Data Scientist
- The Data Science Project Life Cycle
- Ethics in Data Science
- Tools: Google Colabs/ Jupyter Notebooks
- Workflow and Version Control
- Python Programming
- SQL Programming
- Project Management with Jira
- Tools Used: Python, Numpy, SQL, MySQL, Git, Github, Jira.
- Data Integrity
- Sourcing Data
- Data Cleaning
- Tools: Python, Pandas, Matplotlib

### Diploma in Oracle Database Administration and Application Development

Sep 2019 - Nov 2020

Institute of Software Technologies, Parklands, nairobi

- Data warehousing
- Database administration
- Database security
- High availability in databases
- Configure the Oracle Database for optimal recovery
- Configure the database instance such that resources are appropriately allocated among sessions and tasks
- Schedule jobs to run inside or outside of the database
- Use compression to optimize database storage and duplicate a database
- Back and recover a database (and its parts) with RMAN (command-line and Enterprise Manager)
- Use flashback technology to view past states of data and to revert either objects or the entire database back to a past state
- Use an appropriate and flexible memory configuration for your database
- Identify burdensome database sessions and poorly performing SQL
- Automate installations using Kickstart
- Manage file systems and logical volumes
- Manage scheduled jobs
- Access network file systems
- Manage SELinux
- Control firewalls
- Perform troubleshooting tasks

## Employment

### Software tester

Jan 2022 - Present

Solved Technologies, Nairobi

- Reviewing software requirements and preparing test scenarios.
- Executing tests on software usability.
- Analyzing test results on database impacts, errors or bugs, and usability.
- Preparing reports on all aspects related to the software testing carried out and reporting to the design team.
- Interacting with clients to understand product requirements.
- Participating in design reviews and providing input on requirements, product design, and potential problems.