

PETER MAHUTHU W

Data Scientist

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[Portfolio](#)



SUMMARY

A devoted individual eager to work in the fast-paced data science environment. Seeking a challenging role in a reputable organization to utilize my data analysis and modeling skills to implement data strategies that reveal game-changing insights which inform business decisions as well as enhance my knowledge about new and emerging trends in data.

EDUCATION

Kenyatta University

Bachelor's Degree in Mathematics and Computer Science

KCA University

CPA 1 & 2

SKILLS

- Data modeling, Evaluation and Validation (conceptual, logical, and physical) , Data analysis and visualization(Microsoft Power BI)
- Database management and optimization, SQL and database querying, data mining, data wrangling, data sampling, data manipulation
- Machine learning algorithms,
- Applications: MS Office(Excel), Tableau, Salesforce and IBM Watson Studio and SPSS.
- SQL(Mongo DB, MySQL, Oracle), REST APIs, Git, Docker
- Programming languages: Python, R
- **Libraries:** Numpy, Tensorflow, Pandas, Matplotlib, PyTorch, Keras, Scikit learn, Django,
- Solid background in mathematics, statistics, analysis and problem-solving.

CERTIFICATIONS

- Cisco certified (CCNA 1 & 2), At Kenyatta University
- Certificate in machine learning, At Tech camp Kenya
- Machine learning crash course by Google
- Certificate IBM Data Science

ADDITIONAL INFO

- <https://github.com/mahuthu?tab=repositories>
- <https://www.linkedin.com/in/peter-mahuthu/>

References available upon request

PROFESSIONAL EXPERIENCE

Machine Learning Engineer

Savannah Silica Tech, Nairobi | 2022 - Present

- Build and utilize machine learning algorithms like TensorFlow to develop robust models that address real-world challenges.
- Incorporate API's to several applications, store and query data from DBMS like PostgreSQL, Mongo DB and MySQL.
- Work extensively with data mining techniques, data wrangling and big data processing.
- Make changes and maintain the existing software and look for ways to improve performance and efficiency.
- Work collaboratively with other software engineers to formulate machine learning solutions and iterate on models to achieve desired outcomes.

System Administrator

Wytech Technologies. | 2020 - 2022

- My role was to control access and permissions for users to define what a user can see and do within the organization
- Managed a database management system to prevent data loss and redundancy. Validated integrity and completeness of statistical data.
- Customized Salesforce to meet the unique needs of the organization. This includes creating custom objects, fields, and workflows, setting up custom user interfaces, and configuring data validation and automation rules.
- Created interactive data dashboards to identify trends that delivered actionable insights to drive strategic decision-making
- **Key Achievement:** By introducing a database management system, we maximized the client's experience by making follow-ups and collecting feedback.

IT Intern

Kenya Power | 2019

- Created and utilized various software such as Excel and InCMS to harvest data that is translated to business decisions..
- Formulating, implementing and review of ICT policies, procedures, and systems to support the implementation of strategies set by the board.
- Provide information, feedback and guidance to support technology-related decisions. I
- Enforcing adherence to ICT Policy by all staff and ensuring compliance with ICT regulations and advice management on optimization of ICT resources.
- **Key Achievement:** Collaborated with a team of engineers to model a power systems simulation using Matlab.