






VINCENT MUKOMBA

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 <https://www.hyperiondev.com/portfolio/108166/>

 [https://ita2.skillport.com/skillportfe/main.action#summary/LP/CDE\\$173103:_ss_lp:spita2/lp_173103](https://ita2.skillport.com/skillportfe/main.action#summary/LP/CDE$173103:_ss_lp:spita2/lp_173103)

 **Visa Status: SA Permanent Resident**
***Willing to relocate**

PROFESSIONAL SUMMARY

Aspiring data analyst professional prepared to deliver impactful insights and drive business decisions. Adept in data visualization, statistical analysis, and database management, with strong focus on teamwork and adaptability. Known for reliability, analytical thinking, and results-driven approach. Skilled in Python, R, SQL, Tableau, Power BI and Excel, ensuring robust data solutions and strategic recommendations. Actively seeking a challenging position to utilize education of 2 years of IT data analysis skills.

SKILLS

- Data Analysis and Data Science
- Python and R programming
- Data visualization
- Data storytelling
- Tableau and Microsoft Power BI
- Jupyter Notebook, Visual Studio Code
- Databases and SQL
- Machine learning and Artificial Intelligence (AI)
- Java and JavaScript
- Big Data and Data Warehousing
- Cloud Computing
- Analytical thinking and problem solving
- Clear and concise communication
- Collaboration and team management
- Knowledge acquisition, skills development and continuous learning
- Adaptable and flexible
- Work under pressure and passionate about work

Rhodes University - ADDITIONAL VOLUNTARY WORK EXPERIENCE: Tutor

Grahamstown, South Africa 02/2013 - 12/2015

- First years Economics Tutor, Feb 2015 - Nov 2015.
- Grade 12 Economics Tutor, Feb 2013 - Oct 2013.
- Increased student comprehension by utilizing personalized teaching methods and adapting to individual learning styles.
- Developed methods to motivate and engage students in learning.
- Supported students with helpful study habits and exam strategies.
- Assessed student-learning needs and provided relevant instruction to close knowledge gaps.
- Conducted review sessions to help students prepare for tests.

CERTIFICATIONS

- HackerRank Basic Problem Solving Skill Certification Test, HackerRank, 2024.
- HackerRank Problem Solving (Intermediate) Skill Certification Test, HackerRank, 2024.
- Introduction to Data Science, Alison Education, 2023.
- Microsoft Azure Data Fundamentals, Microsoft, 2023.
- Microsoft Security, Compliance, and Identity Fundamentals, Microsoft, 2023.
- Advanced Google Analytics, Google, 2023.
- Google Analytics for Beginners, Google, 2023.

EDUCATION

OPTIMI COLLEGE (PTY) LTD

Cape Town, South Africa - 03/2025

DATA SCIENCE: DATA ANALYST TO DATA SCIENTIST

HYPERIONDEV

Cape Town, South Africa - 05/2023

DATA SCIENCE: DATA SCIENCE BOOTCAMP

Rhodes University

Grahamstown - 04/2016

BACHELOR OF ECONOMICS WITH HONOURS: ECONOMICS

Rhodes University

Grahamstown, South Africa - 04/2015

BACHELOR OF ECONOMICS: ECONOMICS

WORK EXPERIENCE

HyperionDev - Data Analyst

Cape Town, South Africa 11/2022 - 05/2023

- Carried out ad-hoc and project analysis to identify and rectify issues caused by the production of information, reducing redundant computational resource load by up to 43%.
- Used statistical methods to analyze data and generate useful business reports.
- Integrated multiple sources of disparate data into cohesive datasets using ETL processes, improving overall analytic capabilities.
- Created dashboards to monitor and track key performance indicators.
- Utilized data visualization tools to convey communicate business insights.

- Excel Skills for Data Analytics and Data Visualization, Coursera, 2023.
- Business Analytics, Coursera, 2023.
- IBM Data Science Professional Certificate, Coursera, 2023

ACHIEVEMENTS AND PROJECTS

PYTHON:

taskManager.py - to help small business manage tasks.

inventory.py - to help businesses on stock management.

DATA ANALYTICS AND EXPLORATION:

ebookstore.py - Modified to using database and SQL.

Hotel_booking_analysis.ipynb - perform EDA of given hotel bookings dataset.

EDA on Vedio Games sales - perform an EDA on video games dataset.

MACHINE LEARNING:

Mnist_task.ipynb - using Linear, Multi-Linear and Logistics regressions, and Decisions Trees to train, predict, and plot results.

US-Arrests-KMeans-Agglomerative-Dendrograms.ipynb

- Using the US Arrests dataset applying EDA, Principal Component Analysis, 2 clustering techniques - KMeans & Agglomerative Clustering with Dendrograms.

REFERENCES

* Available on Request