



## VINCENT G MUKOMBA

DATA ANALYST|DATA ENGINEER|DATA SCIENTIST

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Visa Status: Permanent Residence Permit  
\* Willing to relocate

### PROFILE SUMMARY

Data-driven, diligent and reliable data analyst and engineer with relevant technology experience and data processing skills. Strong critical thinking and analytical skills, able to analyze data, identify patterns, and extracts actionable insights and information from multiple sources. Collaborative leader adept at preparing and presenting findings to executives and key stakeholders. Actively seeking a challenging position to utilize education of 2+ years of IT data analysis skills. Qualified by demonstrated competencies in Python and R programming, data visualization, and extensive research and presentation capabilities to convey complex information.

### EDUCATION HISTORY

#### DATA ANALYST TO DATA SCIENTIST

- Optimiz College (Pty) Ltd, Feb 2024 - In progress

#### DATA SCIENCE BOOTCAMP

- HyperionDev, Nov 2022 - May 2023

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

#### 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.

### BACHELOR OF ECONOMICS WITH HONOURS

- Rhodes University, Feb 2015 - Dec 2015

### BACHELOR OF ECONOMICS

- Rhodes University, Feb 2012- Dec 2014

### WORK EXPERIENCE

#### DATA ANALYST (FREELANCE)

*HyperionDev*

Nov 2022 - May 2023

- Created a project management system that help small businesses on stock management.
- Initiated a python project to help small business manage tasks.
- Spearheaded and modified a database program, using database and SQL, used by a bookstore clerks to add/remove new/sold books and run a bookstore shop.
- Managed to use different machine learning models to analyse and visualize data to develop actionable strategic insights and innovative solutions for decision-making.

#### FINANCIAL PLANNER

*Hereford Group*

Feb 2022 - May 2022

- Contacted clients and set up meetings, either within an office environment or in clients' homes or business premises to sell that meet their targets.
- Completed risk analysis, designed financial strategies, reviewed and responded to clients changing needs and financial circumstances that led to a 4% increase in the sale of products.

ASSISTANT FINANCIAL OFFICER

RoyalG Holdingd Pty Ltd Mar 2018 - Dec 2020

- Collaborated with the team to implement financial policies, which ultimately reduced unnecessary expenditure and losses by 50% and resulted in a positive financial audit.
- Part of the team that advised the company on economic decisions resulting in a 10% increase in productivity.
- Implemented disaster recovery plans in line with the business continuity requirements and ensured 99.9% business availability.

JUNIOR FINANCE OFFICER (INTERNSHIP)

Black Star Security Services Jan 2016 - Feb 2018

- Ensured optimum cash operating cycle by careful control of creditors, debtors and stock which led to a reduction in costs by an average of R70 000 per year.
- Guaranteed that all projects were delivered on time, within scope and within budget that led a 7% increase in income.
- Ensured that resources were available and allocated efficiently which resulted in a 6% growth of the company.

ADDITIONAL VOLUNTARY WORK EXPERIENCE

Rhodes University 2013, 2015

- First years Economics Tutor, Feb 2015 - Nov 2015.
- Grade 12 Economics Tutor, Feb 2013 - Oct 2013.

TECH SKILLS

- Data Analysis and Analytics
- Data Science and Data Engineering
- Computer Science
- Machine Learning
- Artificial Intelligence (AI)
- Data Wrangling
- Data Warehousing
- Cloud Computing (AWS and Azure)
- Business Analysis
- Python, R Programming, Java and NodeJS
- Data Ops
- Jupyter Notebook
- SQL/NoSQL database management (MySQL, Redshift, MongoDB)
- Microsoft Excel
- Data Visualization with Power BI and Tableau
- Data-driven insights
- Tech Savvy and Technological Innovation
- Mathematics and Statistical Analysis
- Research Skills and Report writing

SOFT SKILLS

- Attention to detail and resilient
- Work under pressure and passionate about work
- Collaboration and time management
- Teamwork, leadership and reciprocity
- Problem Solving and operational efficiency
- Adaptable and flexible
- Critical Thinking and Analytical skills
- Communication and interpersonal skills
- Innovative, performance and results driven
- Knowledge acquisition and skill development
- Defining business requirements and workload prioritization
- Organizational skills

ADDITIONAL EDUCATION - SELF STUDY

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

REFERENCES

- Available on Request