



## VINCENT G MUKOMBA

### DATA ANALYST | DATA SCIENTIST

- Maitland, Cape Town, 7405
- mukombav@gmail.com
- <https://github.com/Vincemcomber>
- <https://www.linkedin.com/in/vincent-mukomba-113b3615b/>
- Visa Status: Permanent Residence Permit

### PROFILE SUMMARY

Vincent is a recent Data Science Bootcamp Graduate at HyperionDev with four years of working experience in the finance industry. Highly skilled in data science and Python, Machine Learning and exploratory data analysis. I have a great passion for turning data into insights that help businesses make better decisions.

### EDUCATION HISTORY

#### 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 Dendogograms.

#### BACHELOR OF ECONOMICS WITH HONOURS

- **Rhodes University, Feb 2015 - Dec 2015**

#### BACHELOR OF ECONOMICS

- **Rhodes University, Feb 2012- Dec 2014**

### WORK EXPERIENCE

#### DATA ANALYST (VOLUNTARY)

*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 Holdings 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
- Data Analytics
- Data Visualization
- Machine Learning
- Python
- JavaScript
- Structured Query Language (SQL)
- Databases
- Predictive Analysis
- Data Cleaning
- Data Modelling
- Data Science
- Data Mining
- Tableau
- Object Oriented Programming
- Microsoft Excel
- Microsoft Power BI
- Microsoft Azure
- Mathematics and Statistics
- Bayesian Statistics
- Time Series Analysis
- Natural Language Processing
- Computer Science
- Report Writing
- Research Skills

## SOFT SKILLS

- Attention to detail
- Work under pressure
- Collaboration
- Teamwork and reciprocity
- Problem Solving
- Time management
- Adaptable
- Critical Thinking
- Proactive and confident
- Communication
- Interpersonal skills
- Well-mannered and wholly ethical conduct
- Leadership
- Innovative and results driven
- Agile and flexible
- Analytical Skills
- Integrity
- Passionate and self-motivated
- Perpetual self-betterment
- Imagination, creativity, and innovation

## ADDITIONAL EDUCATION - SELF STUDY

- IBM Data Science Professional Certificate, Coursea, 2023.
- 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, Coursea, 2023.

## REFERENCES

- Available on Request