VINCENT G. MUKOMBA

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GitHub: https://github.com/Vincemcomber

Portfolio: https://www.hyperiondev.com/portfolio/108166/

PROFESSIONAL SUMMARY

Data Analyst with a strong foundation in economics and hands-on experience in data analytics, data science, data wrangling, statistical analysis, machine learning and cloud computing. Skilled in deriving actionable insights through data visualization and storytelling using Python, SQL, Tableau, and Power BI. Adept at building dashboards, performing exploratory data analysis (EDA), and implementing ETL pipelines. Passionate about leveraging data to improve business performance and inform strategic decisions. Permanent SA resident, open to relocation.

TECHNICAL SKILLS

Languages & Tools: Python, R, SQL, Java, JavaScript

Data Visualization: Tableau, Power BI, Looker, Qlik, Matplotlib, Seaborn, Plotly

Data Tools: Jupyter Notebook, Visual Studio Code, Excel, Apache Spark, SAS, MATLAB

Database Management: MySQL, SQLite, SQL Server

Cloud & Big Data: Google Cloud Platform, BigQuery, AWS, Azure, DevOps

Analytics & AI: EDA, ETL, A/B Testing, ML, NLP, LLMs, Data Analysis, Predictive Modelling

Other Skills: KPI Reporting, Big Data, Data Warehousing, Containerisation, CI/CD practices

Soft Skills: Analytical thinking, Problem solving, Communication, Collaboration, Team management, Knowledge acquisition, Skills development, Continuous learning, Adaptable and flexible, Work under pressure and passionate about work

PROFESSIONAL EXPERIENCE

Data Analyst (Freelance)

HyperionDev – Cape Town, SA   Nov 2022 – May 2023

• Reduced computational overhead by 43% through analysis and optimization of production data processes.

• Performed statistical analyses to support internal business decisions and reporting.

• Developed and deployed interactive dashboards to track KPIs using Tableau and Power BI.

• Merged data from multiple sources via ETL processes, enhancing data accessibility and consistency.

• Created compelling data visualizations to communicate findings and support strategic initiatives.

Economics Tutor (Volunteer)

Rhodes University – Grahamstown, SA   Feb 2013 – Dec 2015

• Improved academic performance of first-year and Grade 12 students through personalized tutoring and structured lesson plans.

• Designed review sessions and study materials to address student knowledge gaps.

• Enhanced engagement and comprehension using adaptive teaching methods.

EDUCATION

Data Analyst to Data Scientist

Optimi College – Cape Town, SA   Feb 2024 – Feb 2025

Data Science Bootcamp

HyperionDev – Cape Town, SA   Nov 2022 - May 2023

Bachelor of Economics with Honours

Rhodes University – Grahamstown, SA   Feb 2015 - Apr 2016

Bachelor of Economics

Rhodes University – Grahamstown, SA   Feb 2012 - Apr 2015

CERTIFICATIONS

• IBM Data Science Professional Certificate – Coursera, 2023

• Microsoft Azure Data Fundamentals – Microsoft, 2023

• HackerRank Problem Solving (Basic & Intermediate) – 2024

• Advanced Google Analytics – Google, 2023

• Excel for Data Analytics and Visualization – Coursera, 2023

• Business Analytics – Coursera, 2023

• Introduction to Data Science – Alison Education, 2023

PROJECTS & ACHIEVEMENTS

DATA ANALYTICS & EXPLORATION

• **Hotel Booking Analysis**: Performed full EDA on hotel booking data using Pandas, Seaborn & Matplotlib.

• **Video Game Sales Analysis**: Conducted trend analysis and visualization for game sales dataset.

PYTHON APPLICATIONS

• **Task Manager App**: Developed a CLI app to manage team tasks.

• **Inventory Management Tool**: Scripted a lightweight solution to manage product inventory for SMEs.

MACHINE LEARNING

• **MNIST Classification**: Applied regression models and decision trees to predict digit classes.

• **US Arrests Clustering**: Executed PCA and used KMeans & Agglomerative Clustering for classification and visualization.

REFERENCES

Available upon request.