

---

Lionel Nyamhunzi, Data Scientist, Microsoft Certified Power BI Data Analyst,  
FRM Candidate

Harare, Zimbabwe, +263781451395, lionelnyamhunzi@gmail.com,  
<https://www.linkedin.com/in/lionelnyamhunzi507529246/>

---

SUMMARY

Dynamic and results-driven Data Scientist Consultant and Microsoft Certified Power BI Data Analyst with over 3 years of experience in data analysis, predictive modeling, and business intelligence. Adept at leveraging Power BI, Tableau, SQL, and Python to derive actionable insights and enhance strategic decision-making. Strong background in financial risk modeling, data visualization, and data-driven consulting for high-profile clients. Proven ability to work in multidisciplinary teams, execute assignments in remote areas, and adapt to diverse cultural contexts.

---

WORK EXPERIENCE

- Jul 2024 – March

**Data Scientist Consultant, Dupleix Institute**

Johannesburg, South Africa 2025

  - Collaborated in team-based data science and machine learning projects building financial models for clients in SADC using TensorFlow.
  - Engineered interactive Excel and Power BI dashboards for high-profile clients, including Botswana Bank and TNM MPamba Malawi.
  - Orchestrated training sessions as the lead Power BI facilitator, enhancing team capabilities in data visualization.
  - Executed comprehensive data analysis using Power BI, Matplotlib, Tableau, and Excel to derive actionable insights and implementing financial reporting.
  - Developed and deployed natural language processing models to analyze sentiment and customer feedback.
  - Optimized data manipulation processes utilizing SQL, NoSQL to ensure efficient data handling and maintained large-scale datasets and used Apache Spark
  - Developed financial risk models to support strategic decision making. Applied AI and machine learning techniques in finance to enhance predictive accuracy.
  - Administered risk management and compliance measures, ensuring adherence to industry standards.
- Dec 2022 – Feb 2025

**Data/Business Analyst Consultant (Part time), Silicon Finance**

Harare, Zimbabwe

  - Conducted data analysis using Power BI, Tableau, and Excel to drive actionable Business insights.
  - Developed databases and data manipulation task leveraging SQL, Access, Excel to enhance the quality of data. Devised interactive Power BI dashboards and reports to facilitate data driven decision-making.
  - Monitored KPIs and business performance metrics by developing insightful dashboards and maintained reports.
  - Championed the role of Lead Data Analytics Tutor, guiding peers in sophisticated analytical methodologies.
  - Development of complex data models and budgets to support decision makings

Apr 2022 – Aug 2022

**Data Capturer Clerk, BAK Logistics**

Harare, Zimbabwe

- Performed data entry tasks utilizing Excel to ensure precise information capture.
- Generated comprehensive reports for operational review and strategic formulation. Utilized various systems and software for effective data processing.
- Managed documentation and compliance activities to align with industry regulations.

---

EDUCATION

**University of Zimbabwe**  
**Bachelor of Honors, Data Science and Systems**

Harare, Zimbabwe

- Achieved 11 Distinctions and 10 Merits.

---

SKILLS

- **Technical Skills:** Python, R, Java, SQL, Power BI, Excel, Tableau, SPSS, Hadoop.
- **Data Analytics & Visualization:** Business intelligence reporting, dashboard development, statistical modeling, and machine learning.
- **ICT Skills:** Strong working knowledge of MS Office and data processing applications, Laravel, Django
- **Soft Skills:** Strong interpersonal skills, excellent communication, leadership, adaptability, and teamwork.

---

LANGUAGES

**English, Shona**

---

PROJECTS

**IFRS9 Model (Credit Risk Assessment)**

Python, Scikit-learn, Pandas, Excel, Power BI, Django

- Developed a predictive model using logistic regression and decision trees to assess credit risk for a leading bank. Model was used both financial and non-financial to predict likelihood of default.
- Improved the accuracy of credit risk assessment by 25% and reduced the number of false positives by 30%

**Financial Forecasting and Budgeting for a Retail Company**

Excel, Tableau, Python

- Developed financial forecasting and budgeting model for retail company using historical sales data, seasonal trends and economic indicators. The model used combination of ARIMA and machine learning algorithms.
- Data analysis, financial modeling, forecasting and budgeting and also stress testing tools.

**Data visualization and Business Intelligence Analytics for clients**

Tableau, Power BI, Excel, SQL, SSAS

- Developed real time analysis and interactive data visualization and storytelling projects to communicate complex data insights to stakeholders. Projects used data visualization tools to create interactive dashboards
- Improved risk management decision making by 30% and reporting time.

**Demand for forecasting for inventory optimization**

Python, Scikit-learn, Pandas, Excel, Power BI

- Developed a demand forecasting model using machine learning algorithm to predict future demand for manufacturing company.
- Improved forecast accuracy by 23.5% and reduced inventory levels by 14.7% and decreased stockout by 8%

**Developed a recommendation system for e-commerce website**

NLTK, Python, Scikit-learn, Pandas

- Developed a recommendation system using collaborative filtering and natural language processing for an e-commerce
  - Improved sales by 5% and increased customer engaged by 13%
- 

#### RERERENCES

Wadzanai Rombe (Supervisor) **Dupleix Institute** +263 778 567 091/+263 715 023 066

Joshua Mukarati (Head of Operations) **BAK Logistics** (+263 772 319 335)

Jackson Mashinge (CEO)**Silicon Finance** (+263 7729696966)