

# IVY WANGECHI KARIUKI

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## SUMMARY

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An Economics and Statistics Graduate with solid education background and a keen eye for detail. I bring proficiency in the use of Microsoft Excel, SQL, Tableau, Power BI, Python, Machine learning and Deep Learning. As a data enthusiast, am passionate about using data to improve operations, boost profits, and support strategic decision-making. Eager to apply my skills in your organization as a Data Science Intern, with a commitment to continuous learning and professional growth.

## EDUCATION

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**Data Science** | AfriCDSA, June 2024 – February 2025

**Bachelor Of Economics and Statistics** | Kirinyaga University - August 2019 to October 2023

**Certified Public Accountant (CPA-K)** | C.P.A Completed Foundation Level

**Computer Packages** | Decapolis Computers

**Kenya Certificate of Secondary Education** | South Tetu Girls' High School, 2015 to 2018

## KEY SKILLS AND COMPETENCIES

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- Accounting Software Proficiency
- Spreadsheet & Data Management
- Data Entry Expertise
- SQL & Data Analytics
- Tableau, Power BI, Python & Machine Learning
- Deep Learning
- Advanced Excel & Power Point Report Writing
- Presentation & Communication Skills
- Analytical Thinking & Problem-Solving
- Collaboration & Teamwork
- Strong Attention to Detail & Accuracy
- Market & Financial Analysis

## WORK HISTORY

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**African Center for Data Science and Analytics, Nairobi | June 2024 – January 2025**

**Data Science Trainee**

- Built and optimized SQL queries to extract insights from large datasets.
- Developed data models and dashboards in Power BI and Tableau for reporting.

- Cleaning and preparing data for analysis using Power Query in Power BI and Microsoft Excel.
- Performing statistical analysis, such as Hypothesis Testing and ANOVA, to derive meaningful insights.
- Managing databases using Relational Database Management Systems (RDBMS) and executing CRUD operations.
- Developing predictive machine learning models for applications in healthcare, business, and real estate.
- Implementing and evaluating machine learning models using scikit-learn's built-in datasets, including Random Forest, Decision Tree, Linear Regression, SVM, and Logistic Regression.
- Evaluating machine learning model performance by measuring accuracy and precision.

## **Agricultural Finance Corporation (AFC), Loitokitok | July 2022 - September 2022** **Attaché**

### **Duties and Responsibilities**

- Following up on clients on loan repayment issues.
- Taking down minutes in weekly meetings.
- Monitoring loan disbursements and repayment schedules.
- Maintaining and organizing loan files and client records.
- Organizing and filing documents in the registry.
- Recording the company's financial transaction into organized books on a daily basis.
- Recording financial data in the company's accounts software portal.

### **INTERESTS AND HOBBIES**

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- Reading informative books, travelling and participating in community service

### **REFEREES**

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- 1. Ernest Hanson** | Data Scientist  
African Centre for Data Science and Analytics  
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- 2. Kenneth Murithi** | Lecturer  
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