

# Bill Kamanzi

✉ Bikamanzi@gmail.com ☎ +971 50 827 0514

🌐 linkedin.com/in/bill-kamanzi 🐙 github.com/kb546

📍 Dubai, UAE

## 📄 PROFILE

Recent Computer Science graduate and detail-oriented data analyst skilled in **Python**, **R**, and **SQL**, with expertise in data visualization using **Tableau** and **Power BI**. Proven ability to transform complex data into actionable insights to support strategic decision-making. Eager to contribute analytical skills to drive success in a dynamic organization.

## 🎓 EDUCATION

### Rochester Institute of Technology

Bachelor of Science, Computer Science and Information Technology

January 2020 – May 2024 | Dubai, UAE

**Minor:** Data Analytics | **CGPA:** 3.30/4.00

## 💼 WORK EXPERIENCE

### Accenture North America Data Analytics and Visualization Job Simulation on Forage

August 2024 | Dubai, UAE

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture.
- Cleaned, modeled, and analyzed 7 datasets in **Excel** to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.

### DP World

IT Intern

July 2023 – September 2023 | Dubai, UAE

- Conducted cost-benefit analysis on vendor proposals increasing operational efficiency by **20%**.
- Integrated tech solutions with regional IT teams boosting system efficiency and data sharing across the MENA region.

### CrimsonLogic

IT Intern

May 2022 – August 2022 | Abu Dhabi, UAE

- Designed a user-friendly UI in **Figma** that reduced customer issue reporting time by **40%**.
- Collaborated with backend developers to test and release software updates decreasing bug reports by **30%**.

## 🏆 CERTIFICATES

### IBM Data Science Professional Certificate

Coursera

### Machine Learning with Python

IBM

### Databases and SQL for Data Science with Python

IBM

### Data Analysis with Python

IBM

### Data Visualization with Python

IBM

## 📁 PROJECTS

### SpaceX Falcon 9 Landing Prediction

github.com/kb546/DataScience\_Capstone\_Project

- Extracted and cleaned data from SpaceX API and web scraping to enhance dataset quality.
- Performed EDA using **Python** libraries (Pandas, NumPy) and **SQL** to identify key landing success factors.
- Developed and compared models (Logistic Regression, SVM, KNN, Decision Tree); achieved a Decision Tree GridSearchCV best score of **0.889** and a test accuracy of **83.3%**.

### Social Buzz Data Analytics Project

github.com/kb546/Social\_Buzz\_Data\_Analytics\_Project | Forage

- Cleaned large datasets by handling missing values and removing irrelevant columns
- Merged multiple data tables using **VLOOKUP** and built pivot tables to uncover key trends in content categories
- Developed visualizations in **Excel** to present findings on the most popular content categories, user reactions, and monthly post distribution

### Sales and Customer Performance Tableau Dashboard

https://bit.ly/4eixo2

- Built interactive dashboards in **Tableau** to track year-over-year sales, profits, and customer trends
- Visualized KPIs and monthly sales trends, with subcategory comparisons and weekly performance highlights
- Designed Customer and Sales Dashboards showcasing customer segmentation, top customers by profit, and dynamic filtering by product and region

### Healthcare Data Analysis Power BI Dashboard

github.com/kb546/Healthcare\_Data\_Analysis\_PowerBI.

- Built an interactive **Power BI** dashboard to visualize patient satisfaction, demographics, and healthcare performance metrics
- Analyzed patient visits, wait times, and satisfaction scores to deliver insights for improving healthcare service quality
- Implemented dynamic filtering and drill-down features for exploring data by patient demographics and department

## 🧠 SKILLS

### Programming Languages

Java, Python, C#, SQL, Perl

### Web Development

HTML, CSS, Bootstrap, Javascript, React JS, Ajax, PHP

### Data Analysis

SQL, R, Python (Pandas, NumPy, SciPy, Matplotlib)

### Data Visualization

Tableau, Microsoft Power BI, Looker, Excel

### Database Management

MySQL, PostgreSQL, SQL Server, Firebase

### Machine Learning

Scikit-learn (Logistic Regression, Support Vector Machine, KNN, Decision Trees)

### Tools & Platforms

GitHub, Microsoft Visio, Google BigQuery, Looker Studio, IBM Watson Studio, Figma, Eclipse, Pycharm, Visual Studio Code