

# Clinton Yade

Nairobi, Kenya | [yadecanton20@gmail.com](mailto:yadecanton20@gmail.com) | 0790847824 | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## Aspiring Junior Data Scientist

Aspiring junior data scientist passionate about extracting insights from data and building intelligent solutions. Skilled in Python, Django, Pandas, NumPy, Matplotlib, Seaborn, TensorFlow, SQL (PostgreSQL, MySQL), Power BI, Excel, Tableau, and Azure. Experienced in data preprocessing, machine learning model development, data scraping, and DataOps. Adept at problem-solving and driven to turn complex data into impactful decisions.

## Projects

I Through hands-on projects, I have applied my knowledge of **Python, Pandas, NumPy, Matplotlib, SQL (MySQL), and BeautifulSoup** to solve real-world problems in data analysis, database management, and web scraping. These projects demonstrate my ability to clean, visualize, and interpret data, automate data collection processes, and build efficient systems for data-driven decision-making.

### Customer Behavioral Analysis

[view the project](#)

- Analyzed customer behavior using Python and Pandas to uncover trends in purchasing patterns.
- Generated actionable insights to support data-driven marketing and retention strategies.
- Prepared datasets by handling missing values and transforming data into usable formats.

### Global Economic Analytics

[view the project](#)

- Performed exploratory data analysis (EDA), cleaning, and visualizations using Pandas and Matplotlib.
- Analyzed global economic trends and presented findings to highlight key macroeconomic patterns.
- Built summary reports with visual graphs to aid understanding of economic conditions across regions.

### Dedan Kimathi University Library Management System

[view the project](#)

- Designed and implemented a relational database using MySQL to manage book and student records.
- Wrote optimized SQL queries to support book lending, returns, and overdue tracking functionalities.
- Developed a user-friendly schema to ensure easy retrieval and modification of records.

### Book Scraper

[view the project](#)

- Created a web scraper using BeautifulSoup in Python to extract book details from online sources.
- Processed and cleaned scraped data for structured storage and analysis.
- Automated the scraping process to update book listings periodically without manual input.

## Education

***Dedan Kimathi University of Technology, Nyeri, Kenya***

Bachelor of Science in Mathematics and Modelling– 2023

GPA: 3.65

## Skills & Technologies

- **Data Analysis:** Python (Pandas, NumPy, Matplotlib Beautiful Soup), Django, Mathematics
- **BI Tools:** Excel, Tableau, Power BI,
- **Tools:** Jupyter notebook, Git, GitHub VS Code
- **Machine Learning:** TensorFlow, Keras
- **Database:** PostgreSQL, MySQL,
- **DataOps:** Azure
- **Languages:** English (Fluent)

## Career Goals

To grow as a junior data scientist by continuously learning and applying data-driven techniques to solve real-world problems. I aim to leverage internships and collaborative projects as opportunities to deepen my understanding of data analysis, machine learning, and statistical modeling. Committed to improving my skills in Python, data visualization, and analytical thinking, while contributing to impactful solutions that drive informed decision-making across industries.