

# DYLAN KENNEDY

Data Analyst | Aspiring Data Scientist & Machine Learning Engineer

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 Portfolio: [dckennedy.co.za](https://dckennedy.co.za)

## PROFESSIONAL SUMMARY

Results-driven Data Analyst with a strong foundation in data science and machine learning, backed by both a Bachelor's and Honours degree in Information Technology. Proven track record of building end-to-end machine learning solutions including autonomous systems, medical imaging models, and legal AI applications. Experienced in developing automated reporting systems, performing complex data analysis, and creating actionable dashboards that drive business decisions. Proficient in Python, SQL, and cloud technologies with a passion for leveraging data to solve real-world problems.

## TECHNICAL SKILLS

### Programming & Databases

- Python (Advanced), SQL (MySQL, PostgreSQL)

### Data Science & Machine Learning

- Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Predictive Modeling
- Libraries: Scikit-learn, PyTorch, Keras

### Data Visualization & Analysis

- Matplotlib, Seaborn, Plotly, Dashboard Development
- Data Cleaning, Preprocessing, ETL Pipelines, Feature Engineering

### Development Tools & Cloud

- GitHub, Jupyter Notebooks, VS Code
- AWS (S3, Lambda, EC2)

## EDUCATION

### Bachelor of Science Honours in Information Technology: Data Science

Eduvos | Graduated November 2025 | **Average: 74%**

#### Capstone Project: Legal Case Outcome Prediction System

- Developed an advanced machine learning model to predict legal case outcomes with integrated explainability features
- Built a case similarity engine to reference historical legal cases, reducing research time for legal professionals
- Implemented interpretable AI techniques to provide transparent reasoning for model predictions

### Bachelor of Science in Information Technology: Robotics

Eduvos | Graduated December 2024

#### Major Projects:

- **Semi-Autonomous Surveillance Robot:** Engineered a robotics system with human detection and tracking capabilities using computer vision and sensor fusion
- **Brain Tumor Detection Model:** Developed a deep learning model for medical image analysis to assist in early tumor detection from MRI scans

### National Senior Certificate

Overkruijn High School | Graduated 2020

## PROFESSIONAL EXPERIENCE

## Data Analyst

### AlphaTech Global Technologies | January 2025 - Present

*AlphaTech provides chain of custody insights to logistics companies, ensuring product integrity throughout the supply chain.*

- Design and develop automated reporting systems and interactive dashboards enabling management to make data-driven decisions for workflow optimization
- Perform comprehensive data cleaning, preprocessing, and transformation on large-scale datasets from MySQL and PostgreSQL databases
- Create dynamic data visualizations using Python libraries (Matplotlib, Seaborn, Plotly) to communicate complex insights to stakeholders
- Write optimized SQL queries for data extraction and analysis across relational database systems
- Build and maintain data pipelines to automate reporting processes and reduce manual intervention
- Collaborate with cross-functional teams to identify business requirements and translate them into analytical solutions

## Warehouse Manager

### Kopano Auctions | February 2021 - December 2024

- Managed end-to-end warehouse operations including inventory control, logistics coordination, and space optimization
- Supervised daily warehouse activities and team productivity, ensuring efficient auction preparation and execution
- Coordinated transportation and dispatching of goods for insolvent estate auctions and liquidations
- Developed strong leadership and team management skills while maintaining operational excellence

## CERTIFICATIONS

- **CompTIA A+ | IT Academy | February 2023**

## ADDITIONAL INFORMATION

**Languages:** Fluent in English and Afrikaans

**Driver's License:** Code EC

**Availability:** One Month Notice

**References:** Available upon request

## PROFESSIONAL ATTRIBUTES

**Leadership & Teamwork:** Experienced in leading teams and fostering collaborative environments that value each team member's contributions. Committed to motivating teams and leading by example.

**Communication:** Skilled in conveying complex technical concepts to both technical and non-technical stakeholders in a clear, concise, and professional manner.

**Continuous Learning:** Passionate about staying current with emerging technologies and best practices in data science and machine learning.

**Problem-Solving:** Analytical mindset with a track record of developing innovative solutions to complex business and technical challenges.