Duncan Krige

DATA ANALYST

Details

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Links

LinkedIn

Infographic

Skills

- Leadership (College Athlete)
- Communication (SAP Intern)
- Teamwork (LPC Program)
- Programming (C++, Java, R, SQL)
- Mathematics Skills (Stats, LaTex, MATLAB, Over Leaf, Octave, GIS)
- Data Clean-ups (DBeaver, DB for SQLite, Office365, Power BI)

Education

Lindenwood University, St Charles

- Bachelor of Science Data Science
- Bachelor of Science Mathematics

Aug 2021– May 2025

Achievements

D1 Lindenwood Rugby Captain (2023-2025)

Head of Boarding (60+ Students)

School Prefect (Kingswood College - 2019)

Colors for Sport (2019)

Profile

I am a highly motivated to learn and I understand how to navigate problems to find a solution, evidenced by strong leadership as Captain of the nationally ranked Lindenwood Lions rugby team (3) for two consecutive years. I am committed to continuous improvement and work ethic while supporting team work and being goal-oriented focus. My goal is to leverage analytical skills in tackling real-world challenges.

Employment History

Project leader (Data science - LPC Program)
Lindenwood University Sports Department, Saint Charles
SEPTEMBER 2024 - PRESENT

- Collection, processing, and analysis of performance data for baseball, softball, and basketball teams, including advanced metrics such as Rapsodo readings and other specialized baseball data
- Developed and launched custom websites from scratch for each team, providing game charters, visualizes, and interpret performance statistics in over 8 areas for athletes.
- Ensured the accuracy and integrity. Leveraged R and SQL in translating over 20,000 raw metrics into clear, actionable insights for coaching staff and players
- Collaborated closely with team management and coaching staff to tailor data dashboards and reports, improving decision-making in player development and game strategy

SAP Implantation Intern
Varsity Brand / BSN Sports and Varsity Spirit, Dallas
JUNE 2023 - SEPTEMBER 2023

- Responsible for master data gathering, analysis, scrubbing, and mapping, ensuring data integrity and accuracy for a 37,230 SKU data base
- Reviewed the scope and documentation of new processes during ERP implementation of production and manufacturing
- Reviewed and optimized 37,230 SKU data base, eliminating duplicate and obsolete and reducing overall size to 20,000 styles
- Responsible for manual master data loads, including work centres, routings, and other relevant data, when required
- Project Management scribe; contributing to the review of results, prioritization of tasks, and planning for future initiatives

Agricultural Production Assistant (Part Time)
Blaauwboschkuil Farming Sustainably, Port Elizabeth South Africa
January 2018 – August 2021

- Responsible for the optimization of feeding and production processes for lamb and chickens, going from purchased feed to internal produced resulting in a 50% cost reduction while maintaining all necessary nutritional and quantity needs
- Designed and authored the manufacturing process for the animal feed of 2,000+ sheep
- Reviewed and modified logistical process of onsite transport resulting in a 5% improvement
- Installation of solar water pumps, repaired pipelines, constructed drainage systems, and erected fences to support Strip Grazing to improve the farms carrying capacity and water availability by 20%

Projects

Project Galileo – SAP installation (BSN Sports Company)

- SAP integration project "Galileo," streamlined operations and enhanced efficiency between BSN SPORTS and Varsity Spirit. This project centralized business processes, enabled seamless data sharing, and provided real-time insights for better inventory management, supply chain optimization, and financial visibility.

Force Plate Project – Data Implementation to website (Lindenwood)

- The Force Plates Project enhanced athlete training by using force plate data to analyze 11 key performance metrics for baseball, softball, and basketball teams. I developed R Shiny apps with customizable dashboards, enabling coaches to make data-driven decisions, monitor progress, and optimize workouts, with scalability for future sports.

Exogenous Gibberellin Exposure (Data manipulation)

- This study analyzed the effects of gibberellin on two dwarf mutant millet variants to identify mutations affecting their growth. By assessing plant growth data using R^2 values and data analysis. These findings provide insights into mutation impacts and inform strategies for gibberellin application.