



# REGAN-JOHN DANIELS

TECHNICAL CO-FOUNDER, DATA ARCHITECT | [WEBSITE](#)  
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## ABOUT ME

Analytical thinker who appreciates structure and processes. Has a natural affinity for working with, and understanding, data.

Particular interest in designing and implementing systems and processes to support data operations and the efficient flow of data through an organization.

## SKILLS

- Excel - Expert
- Python, R - Advanced
- SQL – Advanced
- AWS - Intermediate
- Business Analysis & Documentation
- ETL Implementation
- Data Warehousing Architecture & Implementation
- Data Analysis
- Process Analysis & Documentation

## EXPERIENCE

### DATA ARCHITECT & TECHNICAL CO-FOUNDER • SLANT RESEARCH • OCT 2024 – PRESENT

- **Established and led** the data engineering department from scratch, designing scalable ETL processes, robust data warehousing solutions, and efficient data pipelines within the AWS ecosystem (EC2, Lambda, Redshift, Athena, S3).
- **Architected and implemented** end-to-end automated ETL processes for diverse data sources, including large-scale transactional datasets, significantly enhancing operational efficiency and data accuracy.
- Developed advanced categorisation engines leveraging Python, AWS (Lambda, EC2, Redshift), and structured GitHub repositories, enabling precise customer insights critical.
- **Managed infrastructure automation and workflow optimization**, creating scalable batch-processing methods, systematic error handling, and efficient data management protocols to ensure robust, fault-tolerant data pipelines.
- **Architected data warehouses** and managed database schemas, table migrations, and ETL workflows, providing a robust, scalable data foundation to support data analytics, visualisation and exploratory analysis.



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- **Designed and implemented data governance practices**, including comprehensive logging, error handling, and security measures across repositories, submodules, and ETL processes, maintaining high data quality and compliance standards.

#### **DATA ARCHITECT • REVEAL • JAN 2024 – SEPT 2024**

- **Designing Data Architecture:** Develop and implement the overall data architecture strategy, including data models, database designs, and data flow processes, to ensure efficient data management and accessibility.
- **Ensuring Data Integrity and Quality:** Establish and enforce data governance practices, including data validation, cleansing, and transformation processes, to maintain high standards of data integrity and quality across the organization.
- **Optimizing Data Storage Solutions:** Evaluate, select, and optimize data storage technologies (e.g., databases, data warehouses, data lakes) to ensure scalability, performance, and cost-effectiveness.
- **Collaborating with Stakeholders:** Work closely with business leaders, data engineers, analysts, and other stakeholders to align data architecture with business requirements and support decision-making processes.
- **Integrating Diverse Data Sources:** Design and manage the integration of data from various sources (e.g., internal systems, external APIs, third-party databases) to create a unified and consistent data environment for analysis and reporting.

#### **BUSINESS ANALYST • 22SEVEN INSIGHTS • JUN 2023 – DEC 2023**

- **Analysing existing workflows, systems, and data** to recommend solutions that enhance efficiency, productivity, and profitability.
- **Managing end-to-end data projects;** for example, migration of all ETL and 'categorisation' processes from the parent company to our new entity after we split.
- **Designing and implementing the ETL workflow** to incorporate new datasets into our existing workflows.



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- Designing, implementing and maintaining the data warehousing environment we use for all data operations.
- Designing, implementing and maintaining the GitHub environment supporting our data operations.
- Understanding the business objectives, gathering requirements, and identifying opportunities for process improvement and optimisation.
- Designing and implementing business development projects that facilitate client satisfaction and product development.
- Understanding client interests to design appropriate data analysis projects.

#### **DATA ANALYST • 22SEVEN INSIGHTS • APR 2022 – PRESENT**

- Understanding the business environment and drivers to best serve client needs.
- Owned the process for developing and implementing migration of client-facing dashboards from static Excel-based dashboards to dynamic cloud-based dashboards
- Analysing transactional data to identify trends and extract useful insights
- Owning the operational processes of the client-facing functionality
- Employing SQL queries to extract specific datasets and calculate key metrics
- Conceptualising, architecting and implementing data pipelines to support key business functions
- Working with clients on niche ad-hoc projects to provide unique insights into their market using a data-approach
- Extensive use of data engineering skills and concepts

#### **BUSINESS OPERATIONS ANALYST • DATAORBIS • JAN 2021 – MARCH 2022**

- Identifying operational inefficiencies
- Employing SQL queries to verify data integrity and accuracy
- Developing R Scripts to automate the data pipeline

#### **PROJECTS DATA ANALYST • DATAORBIS • SEPT 2020 – DEC 2020**

- Analysing, cleaning and compiling data
- Identified software and processes for expediting the data cleaning process



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**PRODUCTION COORDINATOR • FREELANCE – FILM INDUSTRY • JAN 2017 – DEC 2018**

- Responsible for coordinating the production of television commercials
- Managed 1 – 4 production assistants

**OFFICE PRODUCTION ASSISTANT • FREELANCE – FILM INDUSTRY • OCT 2016 – DEC 2016**

- Performed various office administrative tasks to ensure the office functioned smoothly

## EDUCATION

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**BA ECONONMICS/PSYCHOLOGY • 2022 (IN PROGRESS) • UNISA**

Pursued with the aim of understanding economic drivers behind human behaviour.

Completion of statistics modules enables the incorporation of quantitative methodologies.

**BA FILM PRODUCTION MANAGEMENT • 2019 • SAE INSTITUTE**

Developed skills aimed at planning and overseeing film productions to ensure timeous completion within budget.

## ADDITIONAL CERTIFICATIONS

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- Business Analysis: Key Definitions & Strategy Analysis:  
[Certificate](#)
- Advanced Business Analysis: Elicitation & Analysis:  
[Certificate](#)
- Data Camp – R Programmer – Sept 2021  
**View Certificate:** [R Programmer Certificate](#)
- Data Camp – R Data Scientist – Jan 2021  
**View Certificate:** [R Data Scientist Certificate](#)
- LinkedIn Learning - Understanding GDPR and Data Privacy – Jan 2021



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**View Certificate:** [GDPR and Data Privacy Certificate](#)

- Alison – Introduction to Data Science – 88% - Jan 2020
- Lynda.com – Advanced Excel – September 2019
- Lynda.com – Excel for Data Science – October 2019

## REFERENCES

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**KADY STEENKAMP • DATAORBIS • PREVIOUS DIRECT MANAGER**  
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