REGAN-JOHN DANIELS

TECHNICAL CO-FOUNDER, DATA ARCHITECT | WEBSITE
084 201 9046 | REGANJOHNDANIELS@GMAIL.COM

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

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

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

- 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

KADY STEENKAMP • DATAORBIS • PREVIOUS DIRECT MANAGER
076 338 1317 | kady.steenkamp@dataorbis.com

ALEXANDRA OPPENHEIMER • NOWEHERE ELSE PRODUCTIONS • LINE PRODUCER
083 377 0252 | 021 461 4361 | alexandra@nowhereelse.co.za

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