Luis **de Sousa**

DATA AND ANALYTICS CONSULTANT

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Profile

With 16 years of experience in data and analytics consulting, I specialise in designing and building tailored data solutions for large organisations. My expertise spans data warehousing, integration, analysis, visualisation, and deployment in production environments. Additionally, I excel in leading cross-functional teams in dynamic settings. I firmly believe in the power of technology to drive sustainable change and am passionate about problem-solving and fostering collaboration and transparency. I take pride in finding unique and practical solutions to challenges. Outside work, my interests include reading, exercising (CrossFit and running), dancing, exploring note-taking systems, and co-organising user groups.

Work

Syeop   *Johannesburg, South Africa*

PRINCIPAL CONSULTANT: DATA AND ANALYTICS & DIRECTOR   *May. 2007 - Present*

- I lead high-impact data and analytics initiatives across diverse sectors such as real estate, food and beverage, and banking. My managerial responsibilities encompass prospecting, negotiating, and overseeing business and project management. Additionally, I contribute to team development by recruiting, training, and mentoring staff. My technical expertise includes market analysis, consolidating financial data on cloud platforms, forecasting, and developing Management Information Systems (MIS) architectures. I have worked with various technologies in these projects, such as the Microsoft Data Platform, MySQL, Google BigQuery, Azure Databricks, and FiveTran. I am proficient in SQL, R, and Python.

Education

Wits   *Johannesburg, South Africa*

MASTER OF ENGINEERING (MENG) IN SOFTWARE AND INFORMATION ENGINEERING   *2015*

- Investigation Report: Using agile principles during software procurement in build versus buy decision-making.

Community

Johannesburg R User Group   *Johannesburg, South Africa*

CO ORGANISER   *2018 to current*

- This group serves as a platform for sharing knowledge, networking, and promoting the use of R in various statistical, data analysis, and programming endeavors within the Johannesburg area. https://www.rusergroup.co.za

PyData Johannesburg   *Johannesburg, South Africa*

CO ORGANISER   *Starting Feb 2023*

- This local chapter of an international initiative focuses on nurturing community growth and engagement through Python and data science topics tailored to Johannesburg. https://www.pydata.co.za

Presentations

Data and AI Community Day Johannesburg

BUILDING A RAG APPLICATION WITH AZURE OPENAI AND MICROSOFT FABRIC   *2024-04-09*

AI/ML and Data Infusion Roadshow Durban

DEPLOYING A LLM WITH VECTOR SEARCH IN DATABRICKS   *2023-11-11*

Data Saturday Cape Town, Durban and Johannesburg 2023

GENTLY EXPLORING THE AZURE DATABRICKS LAKEHOUSE   *2023-09-30*