

# LUIS DE SOUSA

DATA AND ANALYTICS CONSULTANT

## ABOUT

I believe technology can help humanity facilitate sustainable change.

I enjoy people and solving problems.

I encourage collaboration and transparency.

I pride myself on my playful curiosity.

## CERTIFICATION

- IASA Foundation Certified (The Global Professional Body of IT Architects)
- Microsoft Certified Trainer
- Databricks Certified Data Analyst Associate
- Microsoft Certified: Azure Data Engineer Associate
- Microsoft Certified: Power BI Data Analyst Associate

## COMMUNITY CONTRIBUTIONS

Johannesburg R User Group

[www.rusergroup.co.za](http://www.rusergroup.co.za)

Aerial Mzansi

[www.aerialmzansi.com](http://www.aerialmzansi.com)

## CONNECT



[www.linkedin.com/in/luisdza](http://www.linkedin.com/in/luisdza)



[www.twitter.com/luis\\_de\\_sousa](http://www.twitter.com/luis_de_sousa)

## PROFILE

As a data and analytics consultant, I have spent the past several years developing data architecture solutions for large organizations. My technical skills include proficiency in data warehousing, data integration, data visualization, and data governance tools such as SQL, R, PowerBI, and Azure. I experience leading cross-functional teams in a fast-paced environment.

## WORK

### ● DATA AND ANALYTICS CONSULTANT 2007 – CURRENT SYEOP

Example of some larger projects completed:

#### FORECASTING CAPABILITY BUILDING 2021-2022 FOOD AND BEVERAGE

I designed and implemented an automated statistical forecasting capability using R and Microsoft SQL Server for SKUs across the full supply chain.

#### MIS SOLUTIONS ARCHITECTURE 2010-2020 BANKING INNOVATION

Design, manage and maintain a data warehouse solution using Microsoft Data Platform with Microsoft SQL Server (SSIS, SSAS, SSRS) for non-traditional payment instruments, remittances, electronic wallets, and mobile payments. Ad-hoc analysis done in R.

#### SOFTWARE PROJECT LEAD 2007-2009 ENTERTAINMENT

Royalty calculation engine written in C# using Microsoft SQL Server. SAP integration done through Microsoft Biztalk. Key project components were complex financial flows and SAP integration.

## EDUCATION

### ● MASTER OF ENGINEERING (MENG) 2015 SOFTWARE AND INFORMATION ENGINEERING UNIVERSITY OF THE WITWATERSRAND

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

## EXPERIENCE (YEARS)



CONSULTING



MICROSOFT  
DATA PLATFORM



OPERATIONS +  
FINANCE  
DATA &  
ANALYTICS



DATA  
WAREHOUSING



R  
PROGRAMMING  
LANGUAGE