# Thales Bonfim Mansur

Rio de Janeiro/RJ, 32y . Single. No children.

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Senior Manager & Executive Leader

## Data Science| Business Intelligence | Process Management

Senior Data & Analytics Leader with 8+ years of experience driving business impact through machine learning, BI, and process automation. Proven track record in leading multi-million BRL data initiatives, optimizing logistics systems across Latin America and Africa, and building scalable ML infrastructure. Adept at turning messy data into actionable insights and delivering measurable results in fast-paced environments.

# Academic Experience

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|---|---|---|
| MBA: Supply Chain Logistics | Fundação Dom Cabral | 2022 |
| Chemical Engineering | UFV | 2017 |
| International Exchange: Chemical Engineering | Florida State University e Johns Hopkins | 2014 |

# Courses and Certificates

| | | |
|---|---|---|
| Building Machine Learning Systems | ML School | 2024 |
| Using agile methodologies | LinkedIn Learning | 2023 |
| Corporate Results presentation | Minimiza | 2021 |
| Microsoft Power BI for Data Science | Data Science Academy | 2020 |
| Contemporary Leadership Challenges | Florida State University | 2014 |
| Business Communications | Florida State University | 2014 |

# Professional Experience

| Afya | 04/2025 - Present |
|---|---|
| **Data Scientist | Educational Sector** | **04/2025 – Present** |

*Main Objective: Developing and deploying machine learning and AI solutions*
*Direct Report: Data Manager*

- Leading the development of a machine learning model to predict student churn
- Conducted exploratory data analysis and an on-site visit that uncovered a critical issue in customer support operations.
- Spearheaded the implementation of LLMs to categorize and respond to support tickets automatically
- Developed an LLM-powered PowerBI dashboard that analyzes semesterly student self-assessments, providing personalized insights and actionable suggestions to enhance student engagement and retention.

| Ambev | Anheuser-Busch Inbev Brazil | 03/2017 - 11/2024 |
|---|---|
| **Head of Analytics and Data & Process Automation | Payments** | **12/2023 – 11/2024** |

*Main Objective: Development of the Payment Department's Data Infrastructure*
*Direct Report: Logistics and Procurement Director*
*Leadership: 3 Specialists and 30+ Analysts*
*Budget: BRL 5.5 Billion*

Led the digital transformation of the department, migrating from Excel spreadsheets to BI dashboards and databases, and training LLM models for document identification and classification.

*Main projects:*
- Structured the ETL pipeline connecting data lake, SAP and government document data
- Automated pending payment analysis using Python with visualization in Power BI
- Developed dashboards for document mass balance and status tracking
- Created a RAG framework for process knowledge management

*Key results:*
- Reduced data update and OKR reporting cycle from 30 days to 24 hours, directly impacting operational efficiency
- Decreased pending documents by 60%, totaling over BRL 60 million
- Recovered BRL 35 million from incorrect payments (cancelled or duplicated)

## BI and Cost Efficiency Manager in Logistics                         12/2022 – 11/2023
*Main Objective: Identify cost optimization opportunities in the logistics chain*
*Direct Report: National Tactical Transport Manager*
*Leadership: 1 Specialist and 1 Analyst*
*Budget: BRL 2 Billion*

Corporate manager for 1st Tier transportation costs, including the development of continuous cost improvement plans (1, 3, and 10-year horizons) and annual budget planning. Conducted monthly cost analysis and implemented solutions to drive cost reductions.

*Main projects:*
- Developed a BI tool for cost vs. budget comparison with multi-threaded data pipelines and Power BI output
- Automated the Annual Budget Planning process, including validation workflows
- Performed cost trend analysis and forecasting using regression algorithms and clustering techniques
- Conducted supply chain allocation audits using graph manipulation packages in Python
- Modeled cost impact factors through partial differential equations

*Key results:*
- Achieved over BRL 50 million in 1st Tier logistics cost savings
- Improved cost impact indicators by 33%

## International Manager of Digital Products and Logistics Services          04/2021 – 12/2022
*Main Objective: Optimize ABI's transportation network in South Africa and commercialize digital products and services*
*Direct Report: New Ventures Manager*
*Leadership: 3 Specialists and 2 Analysts*
*Budget: BRL 1.5 Million*

Led the optimization of ABI's transportation network in South Africa through the implementation and execution of a Transportation Management System (TMS). Acted as Product Manager for digital products related to production scheduling, routing, and Warehouse Management Systems (WMS). Served as a logistics and digital transformation consultant for ABI South Africa.

*Main projects:*
- Redesigned transportation processes and optimization algorithms
- Provided consulting for the planning and execution of ABI South Africa's transportation timeline
- Developed a machine learning algorithm to identify low picking productivity

*Key results:*
- Reduced daily optimization cycles from 5 to 1
- Decreased the number of analysts required for optimization, generating annual savings of over BRL 1.2 million
- Improved the Optimization Plan Adherence KPI from -40% to +60%, sparking a NPS score of 100

## Regional Transportation and Planning Specialist                          03/2019 – 04/2021
Led a team of 3 supervisors in the Rio de Janeiro region, focusing on optimizing logistics operations and ensuring efficient transportation management.