

HENRIQUE MANTOVANI

Data Analyst

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PROFILE

Data Analyst with 3 years of experience transforming complex operations into data ecosystems that support strategic decision-making. Holds a Bachelor's degree in Production Engineering and a postgraduate degree in Data Science, combining strong business understanding with solid analytical expertise to develop scalable, data-driven solutions. Experienced in building ETL pipelines, data modeling, automating analytical processes, and developing dashboards and predictive models. Proficient in Python, Excel, and Power BI, with working knowledge of Tableau, Selenium, and SAP. Certified on the Google Data Analytics Professional Certificate and committed to continuous learning, leveraging data to drive operational efficiency and deliver actionable insights.

WORK EXPERIENCE

Data Specialist @ Pipocas Cianorte

Feb. 2025 -

- Leadership of all data initiatives at the company, setting strategic direction and technical priorities.
- Driving sales, inventory, and logistics analysis using Excel, Python, and Power BI, turning raw data into actionable insights to optimize operations.
- Serving as the single point of contact for all data requests, combining recurring trend reports with fast turnaround on ad-hoc queries from other teams.
- Built a custom data extraction library (Python) via direct API integration, replacing manual processes with an automated, scalable pipeline — featuring both full-refresh and incremental update strategies to ensure reliable, up-to-date data for dynamic analysis and custom reporting.

Market Data Analyst II @ KEYENCE Brazil

Sep. 2023 - Jan. 2025

- Leadership in implementing Python to optimize SAP ETL workflows for Power BI.
- Combination of Excel, Power BI, and Python to conduct detailed sales data analysis and uncover actionable insights.
- Delivery of monthly summaries of key sales results and trends, using analytical tools to provide comprehensive reports that support decision-making processes.
- Python training for the department, starting from scratch with a strong focus on data manipulation.
- Development and maintenance of a Data Warehouse feeding Power BI reports.

Data Analyst Early Associate @ IBM

May 2022 - Dec. 2022

- Completion of an intensive training program covering Exploratory Data Analysis (EDA), API integration, image recognition, and Natural Language Processing (NLP).
- Execution of final projects, including machine learning for predicting employee turnover, a 2022 World Cup raffle generator based on an API, and image recognition using the MNIST dataset.
- Document control role in the Volkswagen project, which involved onboarding, offboarding, SharePoint maintenance, and management of project contracts.

Vertical Markets Intern @ Thermo Fisher Scientific

Apr. 2020 - Apr. 2022

- Management of marketing initiatives focused exclusively on key clients, driving engagement and retention strategies.
- Maintenance and updating of dashboards with key account information, collaborating with various departments to accurately gather and transform data.
- Creation of weekly communication materials for internal and external audiences: a sector-specific newsletter for employees and marketing emails for clients highlighting products and studies.

EDUCATION

Data Science and Artificial Intelligence @ PUC-RS

Sep. 2023 – Aug. 2025

- The postgraduate program in Data Science and Artificial Intelligence at PUC-RS offers a comprehensive exploration of the field's essential subjects, from fundamental concepts in statistics to advanced techniques in deep learning. Additionally, students develop expertise in business intelligence, data visualization, and machine learning, enabling them to extract meaningful insights and drive informed decision-making.
- **Keywords:** *Python, Data Analysis, Databases, Business Intelligence, Data Visualization, Deep Learning, Machine Learning*

Production Engineering @ PUC-SP

Jan. 2018 – Dec. 2022

- The Engineering field encompasses the design, analysis, and optimization of production systems and processes. Its focus is on continuous improvement, aiming for efficiency, quality, and innovation, establishing a foundation for operational excellence. Production engineers possess the necessary skills to plan, implement, and manage—supported by data analysis—strategies that maximize productivity and efficiency. With the right data, engineers can streamline operations to enhance quality control processes, thereby ensuring efficiency and competitiveness.
- **Keywords:** *Continuous Improvement, Operational Excellence, Data-Driven Insights, Efficiency Improvement, Productivity Optimization*

SKILLS

- **Python:** pandas, numpy, scikit-learn, scipy, Streamlit, Plotly, CustomTkinter
- **Tools:** Power BI, Excel, SAP, APIs, Selenium, Playwright, Github, AWS (Lambda, S3)
- **Processes:** ETL, Data Warehousing, Web Scraping, Version Control, Parquet Data Storage, Monte Carlo Simulation, Dimensional Data Modeling
- **Soft Skills:** Analytical Thinking, Problem Solving, Clear Communication, Time Management, and Continuous Learning.

LANGUAGES

- **Portuguese:** native
- **English:** advanced
- **Spanish:** intermediate