MATHIJS LENDERINK

Process Mining consultant

PROFILE

"Leveraging data to drive positive change and generate value"

I am a passionate consultant with a solid analytical background. With my expertise in data science and skills in data analysis, I help organizations derive valuable insights from their business processes. I excel in analyzing complex datasets and identifying optimization opportunities. With strong problem-solving skills and attention to detail, I deliver tailored solutions that enhance operational efficiency and save costs. I collaborate effectively in teams and quickly adapt to new situations. I stay updated on the latest developments in data science and process mining, continually honing my analytical skills to assist organizations in improving their processes and operations.

Key strengths:

- Harnessing the power of data to generate insights and optimize processes.
- Approaching problems and situations in a critical and analytical manner, devising innovative solutions.
- Ability to explain technical concepts and complex analyses in an understandable manner to both technical and non-technical stakeholders.

WORK EXPERIENCE

MARCADUS
Data Scientist / Consultant

07 / 2023 – Current

As a consultant at Marcadus, I support companies by delivering data-driven solutions and optimizing business processes across diverse projects. I play a key role in the Marcadus Plant Maintenance Navigator Celonis app, where I develop and maintain core components, lead technical implementations, and design solutions to meet stakeholder and business needs.

Lead Developer

05 / 2024 – Current

Project: Marcadus Plant Maintenance Navigator

As Lead Developer, I am responsible for the successful delivery of the Marcadus Plant Maintenance Navigator, recognized by Celonis as the process mining solution for plant maintenance. This project advanced my technical expertise by developing an SAP connector to **OCPM** objects for plant maintenance, which required extensive **SQL** programming and data architecture. I also designed and developed the app's front-end, enhancing my skills in **user interface design** and **user experience optimization**. Beyond technical development, I played a key role in defining the **value story**, by demonstrating how our process mining app resolves inefficiencies in the plant maintenance process. The project further strengthened my leadership abilities through **managing deadlines**, **delegating tasks**, and **managing stakeholder expectations**. Additionally, I played an active role in promoting the solution by contributing to sales efforts, supporting client engagements, conducting demonstrations, and increasing awareness at events such as Celosphere 2024 and Process Intelligence Day Eindhoven.

Lead Technical Implementation Consultant

01 / 2025 – Current

Project: Plant Maintenance Navigator Implementation at American Multinational

In my role as Lead Technical Implementation Consultant, I oversee the end-to-end deployment of the Marcadus Plant Maintenance Navigator, ensuring a seamless integration

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Skills

Data Analyses

Process Mining

Business Process Improvement

Critical Thinking

Tools

Celonis Process Mining
●●●●●●●●●●

Python
●●●●●●●○○○

SQL
●●●●●●●○○○

R
●●●●●○○○○○

PowerBI
●●●○○○○○○○

Agile Scrum
●●●●●●●○○○

Languages

English
●●●●●●●●●●

Dutch
●●●●●●●●●●

German
●●●○○○○○○○

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🌐 MathijsLenderink.nl

in linkedin.com/in/mathijs-lenderink-b872aa16a

⯎ Github.com/Mathijs-L

📍 Tilburg, Netherlands
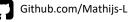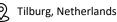
with the customer's customized source systems. My responsibilities include collaborating closely with the customer's technical, functional, and process experts to account for system-specific customizations and ensure compatibility with the app's SAP connector. I lead the data validation process, verifying that the data flows correctly through the app and produces accurate, actionable insights. I am also responsible for the installation and configuration of the app, customizing settings and calculations to align with the customer's requirements.

I also provide **technical documentation** and **user training** to support the customer's internal teams in understanding and using the app effectively. Additionally, I play a key role in **managing timelines**, **stakeholder expectations**, and **cross-team communication** to ensure project success.

Lead Technical Implementation Consultant

09 / 2024 – 01 / 2025

Project: Plant Maintenance Navigator POV at a South African Mining Company

As Lead Technical Implementation Consultant, I led the implementation of the Marcadus Plant Maintenance Navigator for a South African mining company during a Proof of Value phase. My responsibilities included ensuring integration with the customer's source system by collaborating with their technical, functional, and process experts to account for customizations. I led the data validation process and managed the installation and configuration of the app, ensuring settings and custom calculations met the customer's requirements.

In addition to these core tasks, this project placed a significant emphasis on developing business cases and demonstrating the tangible value of process mining. I worked closely with stakeholders to identify key inefficiencies, analyze potential improvements, and present quantifiable benefits that aligned with their strategic objectives. This experience contributed to my skills in **value-driven consulting**, **business case development**, and **stakeholder engagement**.

Business Process Consultant

02 / 2024 – 05 / 2024

Project: ERP Migration Preparation

I focused on preparing for a **successful migration** to a new **ERP** system through thorough assessment of **processes**, **IT architecture**, **payroll**, and **reporting** needs. These efforts aimed to ensure a **smooth transition to the new ERP system**, enhancing operational efficiency and optimizing business performance.

Process Mining Consultant

01 / 2024 – 04 / 2024

Project: Fleet Maintenance Department Process Mining Analysis

I conducted a **data analysis** of a crane rental maintenance department processes through **process mining**. Objectives included **identifying process inefficiencies** and **bottlenecks** to **optimize** and **streamline** the process, combining data insights with on-site validation and interviews with process experts to validate process inefficiencies, gathering a robust list of current **technical constraints** and future **requirements** in preparation for the upcoming ERP migration, and ensuring **compliance** through data analysis on compliance-related data.

Process Mining Consultant

08 / 2023 – 12 / 2023

Project: Celonis Implementation for Purchase-to-Pay and Order-to-Cash

Implemented Celonis Process Mining software using data from Infor M3 to **optimize** clients **business processes**, **enhancing transparency** and **efficiency** in the **Order to Cash** and **Purchase to Pay** processes. Developed and applied KPIs to identify and resolve bottlenecks, streamline manual tasks, and improve overall process execution. This project led to **actionable insights**, **significant annual savings**, and **working capital optimization**.

EDUCATION

2021 - 2023

Tilburg University

Master Economics–Data Science

2018 – 2021

Tilburg University

Bachelor Economics

ACTIVITIES

2023:

Celonis:

EMS Technical Expert, Solution Creation Expert, Value Assesment Expert

Datacamp:

Data Scientist with Python

2018-2022:

Study Association Asset Economics formal comittees

HOBBY'S

SKILLS LIST

Python:

Data: Pandas, NumPy

Data Visualization: Matplotlib, Seaborn

Machine Learning: Keras, Scikit-learn

Celonis: Data integration, PQL, Case centric process mining, Object centric process mining

ERP: SAP, Infor M3/LN, Dynamics 365

BI Tools: PowerBI, Spotfire

Statistical Analysis: R, Stata, Excel

Data Consultant
07 / 2023 – 10 / 2023
Project: Development of a New Cost Model BI Analysis
I contributed to the development of a PowerBI analysis providing insights into costs, production, gas consumption, raw materials, and the production process. This analysis resulted in an **insightful dashboard** enabling the client to:

- **Compare** actual raw material consumption with theoretical recipes.
- **Analyze** production temperatures.
- **Monitor** gas consumption in an accessible manner.

Additionally, I conducted **statistical analysis** to identify factors influencing gas consumption, leading to the development of an **improved cost model**.

MOL LOGISTICS
Data Governance Consultant
11 / 2022 – 04 / 2023
ERP Analysis and Data Governance
Advised MOL Logistics on data usage within their ERP system by conducting a **thorough analysis** and **engaging with management and employees** to **identify bottlenecks and vulnerabilities**. Developed a detailed roadmap for **data governance** and **integration**, enhancing data flow efficiency and creating a **foundation for future growth**.

ASML
Graduate Internship
11 / 2021 – 06 / 2022
During my internship in the Treasury Department, I analyzed complex financial data and translated them into **actionable insights**. I developed BI dashboards to visually display essential financial performance indicators, enhancing the **understanding** of ASML's **cash flow** dynamics through effective **data visualization**.
For my master's thesis at ASML, I created and trained **machine learning** models to predict ASML's **cash flow**. This extensive research yielded valuable insights and **identified opportunities to optimize cash flow.**

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