

# Michał L.

## Expert Data & Process Mining Engineer, Business Intelligence (BI)

### SUMMARY

With nearly 27 years in consulting and financial services, the engineer exhibits a robust proficiency in BI, ERP, and CRM projects, boasting an extensive background in business process modeling, project, and test management. Skilled in Business Process Mining (Celonis, ARIS). Strong Business Analysis Skills Key qualifications include adeptness in programming with Python, Microsoft SQL, and experience utilizing technologies such as Celonis for process mining. The engineer's track record features successful lead roles in digital transformation projects, evidencing superior skills in managing and executing user acceptance testing for significant banking data migration, enhancing efficiency in the automotive sector, and deploying enterprise solutions, including Microsoft's D365 ERP system. Data analyst (Pandas, Numpy, Polars, Keras, PyTorch, Tensorflow, Matplotlib, Plotly, Seaborn, MS SQL) , building Machine Learning Models in Python Sklearn and LSTM neural network . Experienced PM & Instructor with a demonstrated history of work. Experienced negotiator and salesman, working for German clients. Strong education professional graduated from Bournemouth University. An academic foundation in banking and insurance, complemented by a Python programming certification (PCEP), reinforces a solid command of software engineering principles and methodologies.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Python, SQL, Business Intelligence (BI), Celonis
<b>Programming Languages</b>	Python
<b>AI &amp; Machine Learning</b>	Keras, LSTM, Machine Learning Models, NumPy, PyTorch, Scikit-learn, TensorFlow
<b>Python Libraries and Tools</b>	Keras, Matplotlib, NumPy, Pandas, Plotly, PyTorch, Scikit-learn, Seaborn, TensorFlow
<b>Data Analysis and Visualization Technologies</b>	ARIS, Business Intelligence (BI), Celonis, Data Analysis, Pandas, Polars (pola.rs, DataFrame library)
<b>Databases &amp; Management Systems / ORM</b>	Data Lake, Memcached, Microsoft SQL Server, SQL
<b>Industry Domain Experience</b>	Automotive, Banking
<b>Collaboration, Task &amp; Issue Tracking</b>	Atlassian Confluence, Jira
<b>Methodologies, Paradigms and Patterns</b>	FDD, microservices architecture



<b>Operating Systems</b>	Linux
<b>Third Party Tools / IDEs / SDK / Services</b>	Office 365
<b>Other Technical Skills</b>	BI Reporting, Business Process Improvement, ERP (Enterprise Resource Planning), Project Planning

## WORK EXPERIENCE

### Associate Manager Digital Transformation, Process Mining in Automotive

**Duration:** [01/10/2021 - Current]

**Summary:** Process mining and analysis to enhance efficiency and reduce costs in truck engines production using Celonis. Test management during the banking data migration project focusing on user acceptance testing of target P&L structure involving postmigration data assessment.

**Responsibilities:**

- Conducting full-scale analysis to improve production processes and optimize costs.
- Executing user acceptance testing, ensuring the data integrity and accuracy in the new system.

**Technologies:** Celonis

### Trainer, Program Better Business Presentations

**Duration:** Approx. 5 years and 6 months [01/04/2016 – 30/09/2021]

**Summary:** Training C level members in effective business presentations.

**Responsibilities:** Conducting training sessions on creating and delivering effective presentations with HPS methodology.

**Technologies:** HPS Methodology

### Freelancer PM & Consultant, BI Reporting Project for Leasing Company

**Duration:** 11 years and 2 months [01/03/2005 – 30/04/2016]

**Summary:** BI reporting project management and business development for a leading B2B bank leasing company in Poland.

**Responsibilities:** Handling project management duties, sales, and implementation of reporting environment.

**Technologies:** Microsoft Technology Stack, MS SQL

### Freelancer PM & Consultant, D365 Implementation in Pharmaceutical Company

**Duration:** 11 years and 2 months [01/03/2005 – 30/04/2016]

**Summary:** Driving sales and project management of D365 system implementation for a pharmaceutical company conducting foreign trade.

**Responsibilities:** Leading sales, project management, and client maintenance.

**Technologies:** Microsoft D365 (ERP)



## **Freelancer PM & Consultant, Commercial Bonds Distribution System**

**Summary:** Development and project management of a unique commercial bonds distribution system for a private fund management society.

**Responsibilities:** Engagement in all aspects of sales and project management, including client maintenance.

**Technologies:** Custom Solution

## **Consultant & PM, Oracle EBS Implementation in Chemical Industry**

**Duration:** 5 years and 5 months [01/10/1999 – 28/02/2005]

**Summary:** Project management for Oracle EBS implementation in the chemical industry focusing on financial and sales modules.

**Responsibilities:** Creating project documentation and overseeing implementation processes.

**Technologies:** Oracle EBS

## **Consultant & PM, Oracle EBS Implementation in Internet Industry**

**Summary:** Management of marketing and billing system reconstruction within an Oracle EBS implementation for a new internet company.

**Responsibilities:** Guiding the marketing and billing system restructure post-merger of four local internet providers.

**Technologies:** Oracle EBS

## **Manager in Strategy Department and CEO's advisor, Compensation System Project**

**Duration:** 4 years and 1 month [01/09/1995 – 30/09/1999]

**Summary:** Developing a multi-scenario compensation matrix for a new employee compensation system for 3500 staff members.

**Responsibilities:** Responsible for creating compensation models during pension system reforms.

## **Manager in Strategy Department and CEO's advisor, Private Pensions Corporate Plans**

**Summary:** Creating corporate plans for private pensions in compliance with pension system legislation due to client's PhD research involvement.

**Responsibilities:** Ensuring the compliance of private corporate pension plans with pension system legislation.

## **EDUCATION**

### **• M.A. Banking and Insurance**

Completed a Master's degree in Banking and Insurance at Wyższa Szkoła Ubezpieczeń i Bankowości & Bornemouth University.

01/10/1992 – 30/11/1996

## **LICENSES & CERTIFICATIONS**

### **• Build Analyses - Advanced, Celonis**

Issued Jan 2022 Issued Jan 2022

Skills: Change Management · Data Analysis · Management Consulting · Consulting



- **Build Analyses - Basics, Celonis**  
Issued Jan 2022  
Skills: Change Management · Data Analysis · Management Consulting · Consulting
- **Get Data into the EMS, Celonis**  
Issued Jan 2022  
Skills: Data Analysis · Consulting
- **Review and Interpret Analyses, Celonis**  
Issued Jan 2022  
Skills: Data Analysis · Consulting
- **Classes and Object-oriented Programming in Python 3, Pluralsight**  
Issued Jul 2023  
Skills: Change Management · Data Analysis · Management Consulting · Consulting
- **Python 3 Decorators, Pluralsight**  
Issued Jul 2023  
Skills: Change Management · Data Analysis · Management Consulting · Consulting
- **Building Machine Learning Models, Pluralsight**  
Issued Jan 2022  
Skills: Change Management · Data Analysis · Management Consulting · Consulting
- **Understanding Machine Learning, Pluralsight**  
Issued Jan 2022  
Skills: Management Consulting · Consulting
- **Advanced Pandas, Pluralsight**  
Issued Nov 2021  
Skills: Data Analysis · Management Consulting · Consulting
- **Pandas Fundamentals, Pluralsight**  
Issued Nov 2021  
Skills: Data Analysis · Management Consulting · Consulting
- **Learning Python, LinkedIn**  
Issued Jul 2021  
Skills: Data Analysis · Management Consulting · Consulting
- **Python Code Challenges, LinkedIn**  
Issued Jul 2021  
Skills: Data Analysis · Management Consulting · Consulting
- **Python Essential Training, LinkedIn**  
Issued Jul 2021  
Skills: Data Analysis · Management Consulting · Consulting
- **Using Python with Excel, LinkedIn**  
Issued Jul 2021  
Skills: Change Management · Data Analysis · Management Consulting · Consulting
- **[PCEP-30-01] PCEP – Certified Entry-Level Python Programmer, Python Developer**  
Issued May 2021  
Skills: Change Management · Data Analysis · Management Consulting · Consulting
- **HPS Trainer, United Latino Students Association**  
Skills: Change Management · Data Analysis · Management Consulting · Consulting · Team Leadership · New Business Development
- **Achieving an Agile Mindset with ICAgile, Pluralsight**  
Issued Dec 2021  
Skills: Project Planning · Consulting
- **Implementing Scrum and Avoiding Scrum Anti-Patterns**  
Pluralsight  
Issued Dec 2021  
Skills: Project Planning · Consulting
- **Introducing Scrum, Pluralsight**  
Issued Dec 2021  
Skills: Project Planning · Consulting · Team Leadership



- **Introducing Scrum Artifacts and the Definition of Done, Pluralsight**  
Issued Dec 2021  
Skills: Project Planning · Consulting · Team Leadership
- **Introducing Scrum Events, Pluralsight**  
Issued Dec 2021  
Skills: Project Planning · Consulting · Team Leadership
- **Introducing Scrum Roles, Pluralsight**  
Issued Dec 2021  
Skills: Project Planning · Consulting · Team Leadership
- **Introducing the Product Backlog**  
Pluralsight  
Issued Dec 2021  
Skills: Project Planning · Consulting · Team Leadership
- **JIRA Fundamentals, Pluralsight**  
Issued Mar 2022  
Skills: Change Management · Data Analysis · Project Planning · Management  
Consulting · Consulting
- **PCEP – Certified Entry-Level Python Programmer**  
Certified Entry-Level Python Programmer.

## LANGUAGES

- **Polish**  
Native
- **English**  
C1
- **German**  
C2
- **Russian**  
B2

