

# Mateusz Wąsalski

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I'm enhancing my skills to become a Full Stack Data Professional, combining expertise in data engineering, insightful reporting and foundational machine learning.

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## Data Engineering skills:

- Developed **Azure Data Factory** pipelines for efficient **ETL** processes into **SQL** tables.
- Developed Snowflake notebooks to rewrite Airbyte connectors with python to fetch raw data without using external (Airbyte) software
- Connected Snowflake with Azure DevOps repo to have version control and create CI/CD
- Automated workflows using **Logic Apps** and **Power Automate** to e.g. streamline file extraction from emails.
- Managed files and folders on **Azure Blob Storage** to ensure optimal data organization and accessibility.
- **Created** and **updated** SQL tables to align with evolving business and developer requirements.
- **Wrote** and **maintained Python scripts** for ETL processes, ensuring data is accurately transformed and loaded.
- Ensured data quality for **Power BI** reports, enhancing decision-making processes.
- Collaborated with **DevOps** teams to validate and publish data flows and pipelines.
- **Identified areas for improvement**, such as implementing tracking for pipeline validation and creating universal tables for reporting.
- Debugged and troubleshoot solutions developed by developers, enhancing system reliability.
- Developed documentation and diagrams using **MS Visio** and **Miro** to facilitate knowledge sharing

## Data Analytics skills:

- Designed **interactive Power BI** reports (for both web and mobile) tailored to specific business needs, improving user engagement.
- Created **Excel** dashboards with **complex formulas** to provide actionable insights and facilitate data-driven decisions.
- Connected to **various data sources** using **Power Query**, enhancing data integration and analysis capabilities.
- Conducted **Exploratory Data Analysis (EDA)** in **Python** to prepare data for storage on **Azure Blob Storage**.
- Crafted compelling **Power BI** (with **Power Query** and **DAX**) and **Excel** reports that effectively "**tell a story**"
- **Educated** business owners on utilizing reports and dashboards, fostering a data-driven culture.
- Utilized data to highlight **areas for improvement**, driving strategic initiatives.
- **Automated** manual processes using **Logic Apps** and **Power Query**, significantly reducing time spent on repetitive tasks.

## Working experience:

03.2025 – present

### **Cloud Data Engineer @ SoftwareMind**

Creating and maintaining whole ETL process in Snowflake and Azure Data Factory

Wrote API connectors with python to fetch data from platforms like Jira, Azure DevOps, Azure Cost Management, Checkmarx, Sonarcloud, Mend.io, Pagerduty, Mabl

Connected Snowflake notebooks with Azure DevOps repo

Building from scratch Azure Databricks environment for data processing (rewriting Snowflake solution)

10.2024 – 03.2025

### **Data Engineer @ AngryNerds**

Creating and maintaining whole ETL process in Azure Synapse Analytics workspaces (Live mode and Git repo)

Preparing data for ML model for MS365 licenses recommender software

Cooperation with .Net developers to create repeatable Azure Synapse environment with given logic

Recreating and improving Data Model in Power BI

2023-07 -2024-10

### **Data Engineer @ Etteplan**

Creating and maintaining pipelines in Azure Data Factory.

Preparing Python scripts for ETL processes.

Creating automation processes in Microsoft Logic App and Power Automate.

Building Power BI reports.

Creating tables in SSMS.

2023-01 - 2023-06

### **BI Developer @ Sanhua-Aweco**

Participating in requirements meetings to understand business needs as well as teaching users how to use reports.

Building Power BI and analytical solutions e.g. in Python to be able to make ad hoc analysis for business.

2022-02 - 2022-12

### **Data Analyst / Power BI Developer @ ZF Group**

Participating in requirements meetings to understand business needs.

Creating data visualizations in Power BI based on stakeholder requirements.

Synthesizing complex analytics-derived insights into easy-to-understand, actionable recommendations for business.

Using Azure Storage Explorer and Databricks to extract and modify required data with SQL and PySpark.

2020-07 - 2022-01

**Investment & Analysis Specialist** @ PCC Intermodal, Sosnowiec, Polska

2019-09 - 2020-05

**Sales and Customer Service Specialist** @ DS Smith S.A., Czeladź, Poland

2018-02 - 2019-06

**Perishables Sales Manager** @ Jeronimo Martins Polska S.A. (started as Cashier 4 years earlier)

## **Education:**

2021-10 - 2022-10

**Business Intelligence**, Post-graduate @ Warsaw University of Technology

BPMN, UML, AI & ML in Microsoft Azure

2020-10 - 2021-06

**Data Science**, Post-graduate @ AGH University of Science and Technology

SQL, R, Python, Data analytics

2019-09 - 2020-06

**Lean Management**, Post-graduate @ Wroclaw University of Economics and Business

2015-09 - 2018-10

**Economics**, Bachelor degree @ University of Economics in Katowice

## **Certificates:**

2024-04

AI\_DEVS 2 Reloaded

2024-03

Machine Learning Mastery by COGITA

2023-12

AI for Managers by Elephant AI

2022-07

Business Intelligence & Data Analyst (BIDA)<sup>™</sup>

2018-09

AgilePM<sup>®</sup> Foundation