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foggy101.github.io/portfolio

Tomasz Kosowski

ABOUT

From mechanical engineer to aspiring data scientist, I am passionate about applying my analytical skills, meticulous approach and insatiable curiosity in the vast domain of big data.

TECHNICAL SKILLS

Intermediate Python scripting

- ✓ Practical knowledge of data science related Python packages: Pandas, NumPy, Matplotlib, Scikit-learn, familiarity with Keras and Tensorflow.
- ✓ Ability to understand and analyze data: data cleaning and feature engineering using above mentioned packages.
- ✓ Ability to build and evaluate basic models to predict target variables using above mentioned packages.
- ✓ Understanding of descriptive statistics along with the math required: calculus, linear algebra, theory of probability.
- ✓ Understanding of basic machine learning models: linear and logistic regression, decision tree and random forest, SVM, Naive Bayes, K-means and K-NN clustering, neural networks.

Intermediate SQL (MySQL)

- ✓ Strong command over database querying and manipulation.

Advanced Power BI (DAX, M Code)

- ✓ Proficiency in backend data modeling, including data preparation, transformation, and optimization for efficient performance.
- ✓ Experience in designing dynamic and visually appealing dashboards leveraging appropriate DAX measures.

Expert MS Excel (Power Query, Power Pivot and VBA)

- ✓ Creating interactive reports based on pivot tables and graphs, enhanced by conditional formatting and suitable data validation.
- ✓ Writing macros and custom functions in VBA to automate periodic reporting, increasing efficiency and eliminating human errors.

LANGUAGES

- English – fluent
- German - intermediate

WORK EXPERIENCE

2023 - present
Procurement Analytics Intern
BD

- Developing end-to-end ETL processes for ongoing projects, crafting data pipelines to guarantee accuracy and reliability.
- Designing and maintaining interactive dashboards using Power BI, integrating M code and DAX to monitor KPIs and create effective visualizations.
- Streamlining workflows by identifying and automating repetitive tasks using Power Automate, Power Query, VBA.
- Collaborating with stakeholders to understand requirements and translating them into impactful reports or dashboard solutions to support decision-making processes.
- Working closely with colleagues, exchanging knowledge to advance individual skills and optimize the team's collective effectiveness.

2018 - 2020
Sales Engineer
LFP Sp. z o. o.

- Examining client's technical requirements to develop a tailored product solution.
- Sustaining existing client relationships and simultaneously expanding customer base.
- Analyzing market and competitive products.

COURSEWORK

- Completed Google Data Analytics Professional Certificate.
- Completed Udemy Microsoft Power BI Desktop for Business Intelligence.

EDUCATION

2017 - 2018
Master of Engineering
Wroclaw University of Science and Technology

- Faculty of Mechanical and Power Engineering
- Degree completed achieving a maximum grade of 5.0

INTERESTS

- AI Technology
- Weight lifting
- Guitar and keyboard playing
- Strategic and puzzle games
- Philosophy
- Hiking