Jakub Szymański

Warsaw, Poland

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Education

University of Warsaw

Master's Degree in Data Science

Oct 2021 – Jul 2023 | Warsaw, Poland

Warsaw University of Technology

Bachelor of Science in Computer Science

Oct 2018 – Jun 2021 | Warsaw, Poland

Work Experience

Junior Data Scientist | PKO Bank Polski | Sep 2023 - Present | Warsaw, Poland

- Assisted in developing machine learning models for credit risk assessment and fraud detection using Python (Scikit-learn, XGBoost).
- Performed data extraction and preprocessing from various sources using SQL and Pandas.
- Conducted exploratory data analysis (EDA) and generated visualizations (Matplotlib, Seaborn).
- Supported senior data scientists in model validation and documentation.

Skills

Programming: Python (Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, XGBoost, LightGBM), SQL, R (Basic)

Machine Learning: Classification, Regression, Clustering, Feature Engineering, Model Evaluation, Fraud Detection, Credit Scoring (Basic)

Databases: PostgreSQL, SQL Server (Basic)

Tools: Jupyter Notebooks, Git, Anaconda

Statistical Concepts: Hypothesis Testing, Probability, Statistical Inference

Methodologies: Data Mining, EDA, Machine Learning Workflow

Other Skills: Analytical Thinking, Problem Solving

Certificates

DataCamp: Data Scientist with Python Career Track

Coursera: Machine Learning (Stanford University)

Awards

University of Warsaw Rector's Scholarship for Academic Performance