

Certified Data Analyst  
SGH Warsaw School of  
Economics, Grade:5.0

## TECHNICAL SKILLS

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**Skills:**Python, Pandas, Numpy, Matplotlib, Seaborn, PyTorch, R, GIT, Bash, ETL

**Databases:**Azure, T-SQL, PostgreSQL

**Tools:** PowerBI, Jupyter Notebook, Visual Studio Code, Linux Ubuntu, Jira, Confluence, GitHub, GitLab

**Areas of Interest:**Deep Learning, Machine Learning, Exploratory data analysis, API, Big Data, Maths

## EXPERIENCE

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### •XTB S.A., Warsaw, Hybrid

2021-02 to Present

*Data Analyst in trading department*

- I specialize in data analysis using **Python** and **SQL**, focusing on model transactional data. My responsibilities include generating reports from extensive business and market datasets, conducting **ETL** processes, and optimizing efficiency through automation with the use of procedures and **APIs**. In addition to my expertise in **T-SQL**, **Python**, and **PowerBI**, I also have proficiency in basic bash scripting. I collaborate closely with the **data warehouse** team and leverage **Python** to create **data analysis scripts and reports**. I have a track record of designing impactful **Power BI** dashboards for data visualization.

## EDUCATION

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### •SGH Warsaw School of Economics, Warszawa

2020-2022

*Master Degree, Finance and Accounting mixed with Big Data*

Final Grade: 5

## COMMERCIAL PROJECTS

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### •IP Application Praser (Python, Pandas, Numpy, Flask, T-SQL, PyODBC, HTML)

*Project Developed a Flask-based web app for efficient database access and CSV data export.*

- IP App is a Flask-based web application designed to provide streamlined database access and enable data export to CSV format. This project improved my skills in web app development, SQL databases, and data export while demonstrating my ability to create and maintain web applications for business use.

### •Stored proc deviation (T-SQL, PostgreSQL, Python, PowerBI)

*Calculation of deviation from measured data, saving file to CSV and sending by e-mail*

- This SQL project involves creating a stored procedure that retrieves data from an external server, processes it, generates CSV reports using "XPSHELL," and handles errors. It's primarily used for producing data deviation reports at XTB, utilizing variables and temporary tables, with the capability to send error notifications via email. Vizualized in PowerBI

### •Trading Data Analysis (PowerBI, T-SQL, PostgreSQL, Python)

*Project focuses on in-depth analysis of client's trading data for board management*

- In the project, I utilized PowerBI for data visualization, T-SQL and PostgreSQL for data extraction and management, and Python for data processing and analysis. The project aimed to provide comprehensive insights into trading data, enabling data-driven financial decisions. Key features included data visualization, database integration, and an intuitive user interface. This experience enhanced my technical skills in data analysis and data-driven decision-making.

## COURSES

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- Data Science Professional Certification - IBM (In progress)
- AI For Everyone - DeepLearning.AI (In progress)
- Power BI Data Analyst - Microsoft (In progress)
- Data Analyst with Python- DataCamp (39h,2022-11)
- Data Analyst in SQL - Datacamp (40h,2022-10)