

Makar Charviakou

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SUMMARY

I'm an experienced Data Analyst passionate about AI, design, and optimizing processes with 1 year in data and business analysis in big tech company. I've contributed to major international projects under pressure and am now seeking new, challenging opportunities.

TECHNICAL SKILLS

Programming Languages: Python, SQL, Java

Corporate Tools: Excel, Outlook, Teams, Scrum, Kanban, ChatGPT, Notion, Mira, Trello

Libraries & Tools: NumPy, Pandas, Scikit-learn, Git, Pandas, Matplotlib, Seaborn, SQLAlchemy, FastAPI, Airflow, Redash, Tensorflow

Languages: English (B2+), Polish (B2+), German (A1), Russian/Belarusian (Native)

EXPERIENCE

Data Analyst

Xiaomi Poland

January 2024 – Present

Warsaw, Poland

- Specializing in ad-hoc analysis across 17 European countries using Excel, Python, SQL, Bash Scripts, GIT, and occasional machine learning for predictive insights.
- Expert in creating concise presentations for retail managers, effectively communicating complex analytical findings.
- Experienced in interacting with ERP systems, managing invoice specifications, and utilizing SQL for Data Mart interaction and data operations.

PROJECTS

IT Job Analysis Dashboard

Data Engineering & Visualization

June 2024 – Present

Webscrapping, Python, PostgreSQL, Docker, Cron, Datalake

- I developed a program to access the pracuj.pl, theprotocol.it, bulldogjob website, retrieve IT job postings daily, store the data in a datalake, and preprocess it for storage in unique and current job tables in PostgreSQL.
- The project features an automated data pipeline, implemented using Docker and Cron, that processes and updates job data daily. The data is then visualized on a dashboard with key insights such as popular regions, technologies, and salary trends.
- The dashboard provides comprehensive visualizations on a local server, making it easy to analyze job market trends.

Carshare / Paint

Java Project

March 2024 – May 2024

Java, Swing, Streams, Interfaces, Collections

- I created a user-friendly car rental app allowing customers to browse cars, place orders, pay with cards or bank transfers, and return unused kilometers.
- I built a Java Swing drawing app for creating shapes like lines, circles, and squares on a canvas. It includes key features such as saving, opening drawings, selecting colors, and clearing the canvas.

From Text To Emoji / Word Trigger Detection

Natural Language Processing

June 2023 – September 2023

Python, Tensorflow

- I developed an Emojifier, advancing natural language processing significantly. The first utilized pre-trained word embeddings as a baseline, while the second enhanced performance with an integrated LSTM.
- I synthesized and processed audio recordings to build training and development databases. Using GRU and Unidirectional RNN architectures, I trained a trigger word detection model achieving more than 0.92 accuracy on the dev set.

EDUCATION

Polish-Japanese Academy of Information Technology

Part-Time B.S. in Computer Science

Warsaw, Poland

October 2022 – Present