

ALP YALDAZ

Data Analyst | Python | SQL | GCP

Turning data into actionable insights

Berlin, Germany | alpyaldaz59@gmail.com | +48 572 279 840 | linkedin.com/in/alpyaldaz | github.com/alpyaldaz
EU Citizen (Bulgarian Passport) - Available immediately | alpyaldaz.online

PROFESSIONAL SUMMARY

Results-driven IT graduate with hands-on experience in data analysis, ETL pipelines, and cloud technologies (GCP, Azure). Skilled in collecting, transforming, and analyzing large datasets using Python and SQL to deliver actionable insights and support data-driven decision-making. Proven ability to build automated data pipelines, create KPI reports, and collaborate with cross-functional teams in Agile environments.

TECHNICAL SKILLS

Data Analysis:	Python (Pandas, NumPy, Scikit-learn), SQL (PostgreSQL, BigQuery), Advanced Excel
Visualization:	Matplotlib, Seaborn, Power BI, Dashboarding
Cloud & Data Eng.:	Google Cloud Platform (BigQuery, Cloud Functions), Microsoft Azure (IoT Hub)
Tools & Databases:	PostgreSQL, Firebase, SQLite, Git, Linux, Jupyter Notebooks, Agile/Scrum
Programming:	Python, SQL, JavaScript, C#, C++

PROFESSIONAL EXPERIENCE

Data Analyst & Developer Intern | Math Europe

May 2024 - October 2024

Wroclaw & Poznan, Poland

- Collected and analyzed real-time IoT sensor data using Python (Pandas), processing 10,000+ daily data points to generate operational insights.
- Built automated ETL pipelines to extract, transform, and load sensor data via Azure IoT Hub, reducing manual processing time.
- Wrote optimized SQL queries on PostgreSQL databases to extract and transform structured data, supporting weekly KPI reporting.
- Created data visualizations and summary reports using Matplotlib to communicate key trends to non-technical stakeholders.
- Collaborated within a 5-person Agile team, participating in daily standups, sprint planning, and code reviews using Git.

EDUCATION

BSc in Information Technology | Collegium Da Vinci, Poznan, Poland

2022 - 2026

Relevant Coursework: Database Management, Statistics & Probability, Data Structures, Cloud Computing

KEY PROJECTS

E-Commerce Data Analysis & Reporting

Python (Pandas, NumPy), SQL, Matplotlib, Seaborn

- Performed end-to-end analysis on 50,000+ e-commerce transactions: data cleaning, sales trend analysis, and customer segmentation.
- Identified seasonal patterns, top-performing categories, and high-value customer groups to deliver actionable business recommendations.

IoT Plant Care Data Pipeline

Azure IoT Hub, Python, Data Automation

- Designed an end-to-end IoT data pipeline collecting sensor data (temperature, humidity, soil moisture) streamed to Azure for analysis.
- Built automated alert logic in Python for critical conditions and visualized time-series data to identify plant health patterns.

Needo Marketplace App

Flutter, Firebase, BLoC, Clean Architecture

- Developed a real-time serverless marketplace with Flutter and Firebase, ensuring data integrity via transactions and BLoC state management.

LANGUAGES

English: C1 - Advanced | Turkish: Native