

Rezart Abazi

Krakow, Poland | rezart392@gmail.com | (+48) 792-435-709

LINKS

[LinkedIn](#), [Github](#), [Website](#)

EMPLOYMENT HISTORY

Dec 2023 — Present	AI Engineer, ALDI Nord <div>Krakow</div> <p>Developed a customer service chatbot for the Customer Care team as part of the organization's AI transformation initiative. The chatbot utilized a knowledge base hosted in Salesforce, retrieving relevant information via API calls. At the core was a RAG system, enabling the chatbot to generate contextually accurate responses using structured prompt engineering with a LLM. Azure Foundry and Data Bricks Vector Search, together with text embedding model from Open AI were the main components.</p> <p>We have developed and deployed an API using FastAPI to integrate the chatbot's generated responses into our internal customer care tool, ensuring seamless communication between the AI system and operational workflows.</p> <p>Actively contributed to the development of the organization-wide AI strategy, supporting the identification of key use cases and the adoption of scalable, business-aligned AI solutions.</p> <p>Worked on enhancing the internally developed A/B testing platform to deliver more accurate experiment results and improve overall user experience through a web-based application interface.</p>
Nov 2022 — Dec 2023	AI Engineer, Procter & Gamble <div>Warsaw</div> <p>Collaborated with the Data Science team, leveraging Python, to refine and update dynamic bidding machine learning algorithms for product positioning on major e-commerce platforms like Amazon, Walmart, and Target.</p> <p>Optimizing 2000+ campaigns and 20% cost savings for a similar or better share of shelf.</p> <p>Expanded existing data pipelines, integrating new retailers with SQL and Azure, to include data from our web-scraping provider API. Actively monitoring scheduled bidding and ETL pipeline jobs using Argo. Building end-to-end monitoring metrics using Prometheus (PromQL) and Grafana dashboards to assess the quality of scraped data and the reliability of our web scraping provider.</p>
Nov 2021 — Nov 2022	Data Engineer, Dyvenia <div>Krakow</div> <p>Building end-to-end processes with Python for downloading data in parquet format from SAP using ODataQuery with Prefect as data governor and orchestrated flows for data ingestion into Azure Data Lake. Additionally, implemented a non-clustered index using SQL.</p> <p>Developed a solution to extract information from PDF-format documents using Azure Form Recognizer. Stored the extracted information in a tabular format in the database, utilizing Azure SQL for data operations.</p> <p>Collaborated with the marketing team to design geospatial data models in SQL that substantially enhanced targeted marketing campaigns across Northern and Southern Europe, resulting in notable budget efficiencies for each campaign</p>
Dec 2020 — Nov 2021	Data Analyst, (Middle Office) Citibank <div>Warsaw</div> <p>Managed the settlement of mutual and hedge fund orders, and retrieved relevant data from the internal database utilizing SQL Server.</p> <p>Co-operating with internal and external team stakeholders and clients to effectively deliver services and reports regarding their fund's activities.</p> <p>Using python, I automated the transformation of Excel files, enhancing the data by appending column values. This streamlined process not only improved time efficiency but also simplified daily operations for the team, enabling easy handover.</p>
Nov 2018 — Jul 2019	Data Scientist, University of Padova <div>Padova</div> <p>Collaborating with the psychology department on a cognitive psychology research analysis using R-studio to analyze Facebook activities for a group of real students having as primary objective to build a prediction model able to predict gender based on the variables given by using the generalized linear model through the step-wise technique.</p> <p>Some of the features determining the gender of a user were the number of messages, the amount of time being active on the problem, or the number of characters used for each message.</p>

PERSONAL PROJECTS

Finances Analyst

A financial analysis platform that processes bank statements, categorizes transactions, and provides insightful visualizations. This application combines PDF extraction, transaction categorization, and a modern web dashboard to help you understand your spending patterns

Price Tracking

is an interactive fashion price dashboard powered by an LLM connected to a PostgreSQL database, enabling users to ask natural language questions about pricing data. It scrapes and organizes clothing prices from top brands by category, displaying insights in a dynamic web interface for easy comparison and analysis. Users can explore trends, export or upload data, and effortlessly extend tracking to new brands with just a few lines of code.

Legal Advisor

An AI Agent capable of answering legal questions based on comprehensive legal texts such as the Constitution, Penal Code, Civil Code, and related documents. The Agent should also leverage tools like web browsing and web automation to conduct in-depth legal research. Its responses must include well-founded legal advice, citing relevant law articles and providing clear explanations tailored to each case.

EDUCATION

University of Warsaw, Master in Data Science	Warsaw, Poland
Univesity of Padova, Bachelor in Statistics	Padova, Italy

SKILLS

AI, Langgraph, Agents, RAG, VectorSearch, Embedding Models, HuggingFace, LlamaIndex	Monitoring & Visualization: PowerBI, Prometheus, Grafana, Postman, AlertManager, Snow
Programming & Data Processing: Python, Pyspark, PostgreSQL	Version Control &- Collaboration: Github, Confluence, Azure DevOps
Cloud & Platform Services: Azure ML, DataBricks, Data Factory	Certifications: Azure Data Fundamentals DP-900, Azure AI Fundamentals AI-900, AIE University

LANGUAGES

English	Albanian
Italian	

HOBBIES

Geopolitics and International Relations, Collecting Old Money