



Shamkhal Hajiyevev

Data Scientist in Business | Finance | Customer Analyst

Azure Certified Data Scientist with 4 years of experience in Business & Finance

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ACHIEVEMENTS

- **Developed and deployed 95%-accurate churn classification model** integrated into **PowerBI**, empowering sales teams to make data-driven retention decisions for high-risk customers.
- Created **90%-accurate monthly sales forecasting models**, providing real-time sales projections and facilitating data-driven long-term strategic planning.
- **Developed an unsupervised customer segmentation model** to identify the best customers for newly launched products.

WORK EXPERIENCE

Align Technology - Wroclaw, Poland
Data Science Specialist

01/2023 – Present

- Created a **Python framework** to integrate **Power BI** and **Azure Data Lake** via **REST APIs**, leveraging **Polars** for **KPI calculations** and optimizing processing efficiency with **chunking** and **multiprocessing**.
- Built **monthly sales forecasting models** and automated **dynamic Power BI updates** using **Python** and **REST APIs**.
- Developed and integrated **95% accuracy of customer churn classification model** into **live Power BI reports**, providing **sales teams** with **real-time insights** to reduce customer attrition.

CRISIL Irevna Poland Sp z o.o. - Wroclaw, Poland
Data Scientist – Research Analyst

04/2021 – 12/2022

- Developed and deployed a user-interactive **Dash App** using **Python**, **Docker**, and **MySQL** to calculate portfolio risk rates and optimize asset allocation, providing clients with advanced financial analytics tools.
- Led monthly updates and maintenance of a **MySQL Server database**, optimizing **ETL** processes with **Python** libraries (**Luigi**, **Pandas**, **Numpy**) to ensure data accuracy, reliability, and timely reporting.

EDUCATION

University of Wroclaw - Wroclaw, Poland
Ph.D. in Computer Science and Mathematics

10/2021 – 09/2023 (Incomplete)

- Machine Learning
- Deep Learning
- Explainable AI
- Optimization

University of Warsaw - Warsaw, Poland
Master of Arts in Data Science and Business Analytics

10/2019 – 07/2021

- Algorithms & Data Structures
- Python & R Programming
- Machine Learning
- Deep Learning
- Big Data Technologies
- Databases: MySQL, NoSQL

ADA University - Baku, Azerbaijan
Bachelor Science of Economics

09/2014 – 07/2019

- Economics
- Statistics
- Econometrics
- Game Theory

SKILLS

Programming Languages & Tools

Machine Learning & AI
Big Data
Project & Collaboration

Languages

Python (Pandas, Polars, Numpy, Plotly, Pytorch, Tenserflow, Scikit-Learn, REST Api), R Programming, SQL, GIT

Machine Learning, Deep Learning, NLP, LLMs, Time Series Forecasting

PySpark, Hadoop, Azure ML, Azure Databricks

Agile Methodologies, JIRA, Confluence, Asana, Problem Solving, Teamwork, Mentoring, Multitasking, Curiosity, and Critical Thinking.

English (Fluent), Azerbaijani (Native), Turkish (Fluent)

CERTIFICATES

- Microsoft Certified: **Azure Data Scientist Associate (DP-100)**
- Microsoft Certified: **AZ-900, DP-900, AI-900**