

Ismat Samadov

Machine Learning Engineer & Analytics Professional

Email: ismetsemedov@gmail.com

GitHub: <https://github.com/Ismat-Samadov>

Professional Summary

Machine Learning Engineer and Analytics Professional combining strong SQL database skills with a passion for data analysis and machine learning to extract meaningful insights from complex datasets. Currently focusing on developing ML skills through self-study and practical projects, while applying analytical expertise to solve real business challenges.

Professional Experience

SQL Developer

Kapital Bank | Feb 2023 - Present

- Developing and optimizing SQL queries and stored procedures for fraud detection systems
- Creating and maintaining database schemas for transaction monitoring and analytics
- Implementing data extraction and transformation processes for financial reporting
- Building automated SQL-based data pipelines to support analytical requirements
- Collaborating with cross-functional teams to translate business requirements into SQL solutions

Business Analytics

Unibank | Dec 2021 - Feb 2023

- Designed analytical reports and dashboards for tracking key business metrics and KPIs
- Conducted in-depth data analysis to identify trends and opportunities in customer behavior
- Developed SQL queries to extract and process data for business intelligence reporting
- Created data visualizations to communicate insights to business stakeholders
- Collaborated with department heads to establish metrics and reporting frameworks

Underwriter

Unibank | Sep 2019 - Dec 2021

- Evaluated consumer loan applications using established credit policies and risk guidelines
- Analyzed applicant financial data and credit histories to make informed lending decisions
- Prepared detailed reports on loan portfolio performance and risk metrics
- Identified trends in application data to improve underwriting processes
- Collaborated with fraud prevention teams to verify application information

Education

Master in Artificial Intelligence

Azerbaijan State University of Economics | Current

Bachelor in Management of Industry

Mingachevir State University | 2012 - 2016

Certifications

Oracle Database SQL Certified Associate

[Oracle](#) | May 2022 ID: 290631207OCASQL12C

Technical Skills

Technical Skills

- SQL
- Python
- Database Design
- Stored Procedures
- ETL Processes

Data Analysis

- Data Visualization
- Statistical Analysis
- Dashboard Creation
- Reporting Automation
- KPI Monitoring

Machine Learning

- Supervised Learning

- Classification
- Regression Models
- Scikit-learn
- Model Evaluation

Business Analytics

- Financial Analysis
- Risk Assessment
- Credit Evaluation
- Process Optimization
- Customer Analytics

Portfolio Projects

iHealth

Healthcare analytics platform with ML-powered patient outcome prediction and personalized health recommendations

- **GitHub:** https://github.com/Ismat-Samadov/intelligent_healthcare
- **URL:** <https://www.ihealth.ink/>
- **Tags:** ML Applications, Healthcare, Predictive Analytics

Trackio

AI-enhanced project management tool with automated task prioritization and resource optimization algorithms

- **GitHub:** <https://github.com/Ismat-Samadov/trackio>
- **URL:** <https://www.trackio.art/>
- **Tags:** Machine Learning, Process Optimization, AI Solutions

Jobry

Career analytics platform with ML-based job matching and skill gap analysis for professional development

- **GitHub:** <https://github.com/Ismat-Samadov/jobry>
- **URL:** <https://www.jobry.me/>
- **Tags:** Predictive Models, Career Analytics, AI Recommendations

MyFrog

ML-powered personal finance management platform with spending prediction and automated budget optimization

- **GitHub:** <https://github.com/Ismat-Samadov/myfrog>
- **URL:** <https://www.myfrog.me/>

- **Tags:** Financial Modeling, Predictive Analytics, AI Applications

Tech Profiles

- **GitHub:** [Ismat-Samadov](#)
- **HackerRank:** [IsmatSamadov](#)
- **Medium:** [@ismatsamadov](#)
- **Hugging Face:** [IsmatS](#)
- **Kaggle:** [ismetsemedov](#)
- **LeetCode:** [ismetsemedov](#)