



TOGHRUL GASIMOV

Data Analyst

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SUMMARY

Aspiring Data Analyst with a strong educational background in business management and an MBA from Istanbul University. Currently working as a Data Analyst at TABIB, gaining experience in data cleaning, visualization and exploratory analysis using **Python** and associated libraries. Skilled in leveraging tools such as **Power BI**, **MySQL**, and **Excel** to uncover actionable insights. Successfully contributed to [projects](#) involving **clustering analysis**, **hypothesis testing** and **predictive modeling**.

EDUCATION

2023-2025	MBA - Master of Business Administration <i>Istanbul University Master's degree</i>
2014-2018	Business Management <i>Azerbaijan State University of Economics Bachelor's degree</i>

EXPERIENCE

Apr 2025-Present	Data Analyst TABIB Conducted analysis and comparison of data across the country and hospitals under TABIB, prepared national reports based on public data, provided rapid analytical responses to official inquiries, and applied Machine Learning models in evaluating service quality and performance indicators.
Oct 2024-Jan 2025	Data Analytics Intern UNIFIED MENTOR Gained skills in data cleaning, transformation, and exploratory analysis using Python; performed data manipulation with Pandas and NumPy; created visualizations with Matplotlib and Seaborn; and participated in practical training sessions.

TECHNICAL SKILLS

- **Programming Languages & Tools:** Python, Jupyter Notebook, Power BI, Excel.
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, .
- **Analysis Techniques:** Clustering Analysis, Hypothesis Testing, Feature Importance Analysis, Predictive Modeling.
- **Other Skills:** Practical experience in data processing, cleaning, exploratory data analysis (EDA) and advanced visualization techniques.

CERTIFICATION

Big Data and Business Analyst | *Istanbul Technical University*

Data Analytics and Visualization Job Simulation | *Forage* | *Accenture*

PROJECTS & RESEARCH

Analytical Reporting and Cluster Modeling

- Conducted analysis and comparison of healthcare indicators across the country and medical institutions.
- Integrated international data from OECD countries into reports to conduct comparative analyses.
- Performed diagnostic analyses, including indicator dynamics, growth–decline trends, and preliminary cause–effect explanations.
- Applied clustering models to group hospitals based on performance indicators and identify development priorities for institutions with similar profiles.

Data Analytics Internship Project

- Performed clustering on 250,000 medication usage records, identifying 5 distinct groups.
- In an HR analytics project, analysed factors affecting employee turnover through hypothesis testing and developed a Power BI dashboard.

Course Completion Project

- Predicted passenger satisfaction in an airline with 95.6% accuracy using the XGBoost model.
- Identified key factors influencing satisfaction through feature importance analysis.

University Research : Temporal and Spatial Analysis of Air Pollution in Istanbul

- This research examines the temporal and spatial variations of air pollution in Istanbul, analysing pollutants such as PM10, PM2.5, SO₂, and NO₂.
- Applied EDA, correlation matrices, heatmaps, and visual analyses using Python (Pandas, NumPy, Seaborn, Matplotlib) and Excel.

LANGUAGES

- Azerbaijani – Native
- English – Intermediate (B1)
- Turkish - Advanced (C1)

SOFT SKILLS

Effective Communication

Strategic and Analytical Thinking

Problem-Solving and Decision-Making Skills

Team Management & Collaboration

Time Management & Task Prioritization

Self-Motivation and Initiative