

# Emil Niyazov

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## SUMMARY

**Data science student with 2+ years of experience in machine learning, analytics, and Python/SQL development.** Skilled in building **data pipelines**, automation, NLP, dashboarding, and transforming text, image, and structured data into actionable insights.

## EDUCATION

**MSc in Data Science** | The University of Sheffield

Sheffield United Kingdom | Sep 2025 – Current

**BS in Computer Science** | ADA University

Baku Azerbaijan | Sep 2021 – May 2025

## WORK EXPERIENCE

**Data Analyst** | PMD Group

Baku Azerbaijan | Jun 2024 – present

- Machine Learning & NLP: Built models and text-processing tools to detect anomalies and extract insights from images and property descriptions, improving the accuracy of real-estate analytics.
- Pipeline Engineering: Engineered automated pipelines for web scraping, transformation, and SQL storage, ensuring clean and reliable analytical datasets.
- Dashboards & GIS Tools: Designed Tableau dashboards for HR and financial teams and developed an internal GIS application to enhance spatial analysis capabilities.
- Reporting & Growth: Delivered concise real-estate market reports with key trends and forecasts, contributing to strategic planning while progressing from Intern to Junior and then Data Analyst.

**Content Analyst** | Nizami Ganjavi International Center

Baku Azerbaijan | Jan 2024 – May 2024

- Strategic Research & Speech Development: Conducted in-depth research to shape impactful themes and talking points for the Secretary General's speeches at high-level international meetings.
- Event & Stakeholder Coordination: Coordinated the X and XI Global Baku Forums, managing diverse stakeholders and ensuring seamless planning and execution.
- High-Level Engagements: Participated in delegations meeting with global leaders, presidents, ministers, and senior officials, contributing to strategic activities during High-Level Meetings.

**Intern Business Analyst** | EKVITA

Baku Azerbaijan | Jun 2023 – Sep 2023

- Consulting Fundamentals: Completed structured training in problem-solving, communication, feedback, and core consulting methodologies.
- Industry & Digital Insights: Explored emerging digital trends and the future of work, gaining exposure to real-world business challenges and strategic analysis.
- Practical Experience: Participated in sector-specific workshops and cross-functional exercises, developing a practical understanding of strategy consulting and business problem analysis.

## SKILLS

**Technical tools:** Excel, SQL, Python, R, API, Tableau, GIT, Java, Linux, Bash, HTML/CSS, JavaScript

**Core skills:** Automation, Data Analysis, Reporting, Data Modeling, Software Development, Communication

**Language skills:** English (fluent), Russian (fluent), German (intermediate), Azerbaijani (fluent)