

AYAZ ALIYEV

DATA SCIENTIST

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Results-oriented Data Engineer with a strong background in finance and data analytics. Proven track record in automating reports, optimizing databases, and developing dashboards for strategic decision-making. For completed and ongoing projects please look at my portfolio:

Portfolio: <https://ayazaliyv.github.io/>

Industry Experience, Specialties, Skills, Core Competencies:

Proficient in Python, R, Oracle SQL, and Power BI. Skilled in data wrangling with Pandas and NumPy, and experienced in statistical modeling and machine learning algorithms. Expert in data visualization using Power BI, Tableau, and Matplotlib. Knowledgeable in big data technologies like Spark. Strong communication, problem-solving skills, and adherence to data ethics and privacy laws.

EDUCATION

UNIVERSITY OF SHEFFIELD

26.09.2022 – 26.09.2023

MSc Data Science

Sheffield, UK

- Graduated with honours, GPA: 71 out of 100.

AZERBAIJAN STATE ECONOMIC UNIVERSITY

16.09.2018 – 15.07.2022

BSc Management

Baku, Azerbaijan

- Graduated with honours, GPA: 95 out of 100.

EXPERIENCE

Bank of Baku

Baku, Azerbaijan

<https://www.bankofbaku.com/en> – “Bank of Baku” established in 1994 in Azerbaijan, focuses primarily on retail banking, supporting SMEs and corporate clients. It's known for introducing innovative banking products, emphasizing non-cash transactions and customer service excellence. The bank also engages in social responsibility projects, underlining its commitment to community development.

21.12.2023 – Ongoing – Data Engineer

Main responsibilities and achievements:

- Automated Reporting: Utilized Oracle SQL to automate reports, reducing daily reporting time by 50% and monthly reporting time by 67%.
- Central Bank Collaboration: Ensured compliance and fulfillment of reporting requirements by providing crucial data and reports to the Central Bank of Azerbaijan.
- Shareholder & Managerial Reporting: Prepared and delivered comprehensive reports to shareholders and created Power BI dashboards, offering key statistics to facilitate informed decision-making processes.
- Datamart Development & Database Optimization: Led the Datamart database project, enhancing the Financial Department's reporting capabilities and data-driven decision-making efficiency. Fixed technical and data-related database issues, resulting in more reliable data for the finance department.

QSS Analytics

Baku, Azerbaijan

<http://qss.az/> – “QSS Analytics” is a well-known consulting firm in Azerbaijan that provides data solutions for businesses and investors. The company also offers data analytics courses for those passionate about the field.

16.10.2023 – 16.12.2023 – Mentor and R instructor

Main responsibilities and achievements:

- Providing one-on-one mentorship sessions to students, offering personalized guidance, addressing specific challenges, and ensuring their success in the program.
- Collaborating closely with other instructors and mentors, sharing best practices and refining course methodologies.
- Lead practical, hands-on instruction, assess student performance, and tailor lessons to ensure maximum comprehension and application of concepts.

Go and Study

Baku, Azerbaijan

<https://goandstudy.az/> – *“Go and Study” is a licensed professional education centre that specializes in overseas education services. It is headquartered in the capital of Azerbaijan Baku city – the business hub of the country, as well as we have offices in Ganja and Istanbul.*

10.03.2022 – 26.09.2022 - **Education analyst and consultant**

Main responsibilities and achievements:

- Conducted research and analysis to track student performance, identify areas for improvement, and develop data-driven recommendations.
- Working with partners from southwestern Asia, communicating with more potential partners and creating contracts. In the first academic year, 4 new partners have been found in the region and with a total of 40 new students from the partners revenue increased by 60,000 \$ which potentially will increase by double for the next academic year.

Baku Steel Company

Baku, Azerbaijan

<https://www.bakusteel.com/en/> – *Baku Steel Company, the largest metallurgical company in the Caucasus, having its own place in the economy of the country. Continuously developing its export policy, the Company exports its products to Russia, Georgia and other countries, and cooperates with world-renowned companies, such as Siemens VAI, Demora, Danieli, Vezzani, Air Liquide, CVS and others in order to improve its production and be abreast of the times.*

16.02.2022 – 31.05.2022 - **Finance and Management Intern**

Main responsibilities:

- Supported accounting and financial reporting tasks, including bookkeeping, account reconciliation, and preparation of financial statements.
- Conducted research on various operational topics such as market trends and competitor analysis.

ADDITIONAL

- **Language Skills:** Azerbaijani (native), Turkish (bilingual proficiency), and English (fluent).
- **Volunteer Activities:** UEFA, FORMULA1.
- **Hobbies:** Chess, Gaming (PS and Computer), Watching movies, Reading Books, Football, Tennis

