

Shaig Khankishizade

+49 152 31308576 | shaik.khankishizade@gmail.com | Prenzlauer Allee 87, 10405 Berlin, Germany | [LinkedIn](#)
My [GitHub](#) | Portfolio Website: [shaig00.github.io](#)

SKILLS

Languages: Python, SQL, MATLAB

Libraries: Data Cleaning (Pandas, NumPy, Scikit-Learn), Data Visualisation (Matplotlib, Seaborn), Data Analysis (Scikit-Learn, statsmodels)

Databases: Microsoft SQL Server, MySQL, PostgreSQL

Dashboarding: Familiar with Power BI

Other Tools: Jupyter Notebook, Microsoft (Excel, Word, PowerPoint), Anaconda, virtualenv, LaTeX

EXPERIENCE

Business Analyst – Economic Evaluation & Analysis Team

10/2021 - 10/2022

SOCAR Upstream Management International

Baku, Azerbaijan

- Evaluated full-cycle economic commercial properties of a given field with hydrocarbon reserves.
- Forecasted reference-year onward profitability, payback period and economic indicators i.e. WACC, NPV and IRR.
- Visualized quarterly and monthly economic project-specific data of hydrocarbon fields to report forecasts to stakeholders.

EDUCATION

Humboldt Universität zu Berlin

10/2022 – ongoing

Master of Science, Statistics

Berlin, Germany

- **Relevant Coursework:** Business Data Analytics, Data Mining, Machine Learning, Statistical Inference, Time series, and Volatility Analysis.

Bilkent University

09/2017 – 08/2021

Bachelor of Science, Physics

Ankara, Turkey

PROJECTS

Data Cleaning & Exploratory Data Analysis in SQL Server – [GitHub Link](#)

03/2025

Portfolio Project

- Performed data cleaning on layoffs dataset by removing duplicate values, standardizing the keys, handling missing values, and ensuring consistency using CTE, SELF JOIN, TRIM etc.
- Conducted Exploratory Data Analysis (EDA) on preprocessed data in order to gain key insights by aggregating and ranking using Window functions, GROUP BY, and CTEs.
- Documented the project on GitHub outlining the steps, including SQL scripts, key findings and limitations.

Tools: Microsoft SQL Server

Customer Segmentation in Python – [GitHub Link](#)

12/2024

Portfolio Project

- Visualized mall customer data to understand the properties, data distributions of each feature and examine gender differences that stand out.
- Conducted K-Means univariate and multivariate cluster analysis and evaluated performance with Elbow method.
- Identified distinct customer groups and their behaviors by plotting optimized clustering and use of tables.

Tools: Python (pandas, numpy, matplotlib, seaborn, scikit-learn)

Excel Data Transfer Automation

2022

Job Project

SOCAR Upstream

- Programmed an automation process in **Python** extracting daily production data from **MS Excel** and merge to annual production template using **pandas** and **openpyxl** libraries.
- Constructed **Entity Relationship Diagram (ERD)** for database and built database using **MySQL**.
- Prepared a GUI for automation program using Python Tkinter library to add multiple daily production files in drag/drop function.

LANGUAGES

English: (fluent); **German:** (proficient); **Turkish:** (fluent); **Russian:** (intermediate); **Azerbaijani:** (Mother tongue);