Javid Hasanov

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ABOUT ME

As a **Computer Science graduate** actively pursuing a **Master's degree in Data Science** at **Kiel University of Applied Sciences** and possessing a **25-hour work permit** per week, my objective is to secure a **working student position** in a dynamic organization. I aim to apply and further develop my technical skills and knowledge, gained from my academic background and current studies in **Data Science**, while actively contributing to real-world projects. I possess **three years of proficient experience** in utilizing **Python** and its associated frameworks, including **Django**, **NumPy**, **Pandas**, **Seaborn**, **Matplotlib**, **Plotly**, **TensorFlow**, and **Scikit-learn**, along with **one and a half years of proficiency** in **MySQL**. Additionally, I am familiar with **FastAPI** for building APIs and have experience with **Google Cloud** for deploying data science applications. I am committed to combining my educational foundation with practical experience to make valuable contributions to your team and grow professionally in the field of **Data Science**.

WORK EXPERIENCE

Data Analyst Intern

Kapital Bank [15/01/2023 – 15/07/2023]

City: Baku | **Country:** Azerbaijan

- Analyzed customer transactions using **SQL** to retrieve and manipulate large datasets.
- Managed and maintained large datasets, ensuring data integrity, security, and accuracy across the bank's databases.
- Developed and optimized complex SQL queries with **JOINs**, **GROUP BY**, **subqueries**, and **CTEs** for effective data aggregation and advanced retrieval.
- Ensured data integrity through **INSERT**, **UPDATE**, and **DELETE** operations, and created or modified tables using **CREATE** and **ALTER** statements.
- Generated analytical reports and dashboards to enhance insights into banking operations and improve decision-making.

EDUCATION AND TRAINING

Master Degree, Data Science

Kiel University of Applied Sciences [01/09/2023 – Current]

City: Kiel | **Country:** Germany | **Website:** https://www.fh-kiel.de/studium/studienangebot/data-science/ | **Field(s) of study:** Data Science

Bachelor Degree, Computer Science

Azerbaijan State Oil and Industry University [15/09/2019 – 15/07/2023]

City: Baku | **Country:** Azerbaijan | **Website:** http://asoiu.edu.az/home | **Field(s) of study:** Computer Science | **Final grade:** 81.59/100

Web Development

CodeForFuture [10/01/2022 – 14/07/2022]

City: Baku | **Country:** Azerbaijan

Higher Education

Technical Humanitarian High School [2013 – 2019]

City: Baku | **Country:** Azerbaijan

PROJECTS

[11/03/2024 – 17/05/2024]

Global Health Crisis Funding Allocation *Course: Mathematics and Multivariate Statistics*
  • Conducted **initial data analysis** and **exploratory data analysis (EDA)** to understand key trends and patterns.
  • Created a **heatmap** for the **correlation matrix** to visualize relationships between socio-economic and health indicators.
  • Performed **feature scaling** to standardize data for further analysis.
  • Applied **Principal Component Analysis (PCA)** to reduce dimensionality and highlight significant variables.
  • Utilized **K-means** and **Hierarchical Agglomerative Clustering (HAC)** algorithms to identify clusters of countries based on their needs.
  • Successfully identified the **top 10 countries** in urgent need of assistance through clustering techniques.

[18/05/2024 – 30/06/2024]

World Happiness Report Analysis *Course: Data Visualization and Visual Analytics*
  • Merged and cleaned **4 different datasets** from the **World Happiness Report** to create a comprehensive dataset.
  • Conducted comprehensive **data cleaning** by merging datasets, dropping unimportant columns, handling missing values, correcting inconsistencies, and normalizing data formats to create a streamlined dataset for analysis.
  • Performed **exploratory data analysis (EDA)** to derive key statistics and insights from the data.
  • Utilized various visualization libraries, including **Pandas, Plotly, Seaborn, and Matplotlib**, to answer multiple analytical questions.
  • Created **dynamic bar charts** and a **dynamic world map** with annotations to effectively communicate findings and trends.

LANGUAGE SKILLS

Mother tongue(s): Azerbaijani

Other language(s): German (B2 ; TestDaF (3-u3-4-3)) | English (B2, 6.5 IELTS) | Turkish (C1)

DIGITAL SKILLS

Python / Django Framework & Django REST API / MVT / URL routing / C / Git / MySQL / SQL / ORM / Docker / JSON / Postman / REST / Python for data analysis (NumPy, Pandas, ...) and application development (PyQt) / Python visualization libraries (Matplotlib & Seaborn) / sckit-learn / Tenser Flow / Plotly Express / Google Cloud Platform - BigQuery, Google Storage

COMMUNICATION AND INTERPERSONAL SKILLS

Work Ethics

Communication

Teamwork