



FEHMI KATAR

Data Analyst
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EXPERTISE

Python
Data manipulation, machine learning, and predictive modeling using libraries like Pandas, Spacy, NumPy, and Scikit-learn.

SQL
Data querying, database management, complex joins; proficient in writing optimized queries.

Tableau
Data visualization, dashboard creation, and storytelling with data; experienced in creating interactive dashboards.

Git & Version Control
Collaboration on code projects, version control, and workflow management using Git.

C
Basic understanding of programming concepts and data structures.

Google Sheets & BigQuery
Data manipulation and analysis, querying large datasets; familiar with cloud-based data warehousing.

R
Statistical analysis and data visualization using packages like ggplot2 and dplyr.

AI & NLP Proficiency
AI tools like Transformers and Hugging Face for NLP tasks, including text classification, sentiment analysis, and model fine-tuning.

Cloud Computing & Deployment Expertise
AWS Lambda, Railway, Streamlit

CERTIFICATION
Data Science with Python
SkillUP by Simplilearn (2023)
Google Data Analyst (2023)
Developed by Google

LANGUAGES:
German(C2), English(C1), Turkish,
Kurdish(Nativ)

OTHER INTERESTS
Football: Plying in an amateur club
Cycling
Enthusiast: Cycled in 15 countries.

SUMMARY
Data Analyst with extensive experience in structured and unstructured data analysis to support decision-making. Holds a degree in Actuarial Sciences, combining expertise in finance, mathematics, and statistics. Proficient in **SQL**, **Python**, and **Tableau**, with hands-on experience in data manipulation, visualization, and predictive modeling from a data science boot camp. Certified in Google Data Analytics and Data Science with Python, passionate about turning complex data into actionable insights.

PROFESSIONAL EXPERIENCE
Data-Driven Asylum Rights Management 04/2016-12/2023
Yekmal e.V. Berlin, Germany

- Co-founded and led an asylum and residence rights department.
- Collected, analyzed, and presented data on clients, court decisions, immigration statistics, and countries of origin.
- Implemented data-driven strategies to improve consulting services.
- Managed team operations and collaborated across departments.

International Student Advisory Program 11/2014 - 07/2017
Humboldt University Berlin, Germany
Advised international students on financial aid, scholarships, residence laws, and degree recognition.

DATA SCIENCE PROJECTS
E-commerce

- Designed dynamic **Tableau** dashboards to analyze sales and customer metrics, including sales trends, profit performance, and customer behavior.
- Processed and cleaned data using **Python (Pandas)** and integrated it into **MySQL** for analysis and visualization.
- Delivered actionable insights on product performance and customer profitability to support business growth.

Capital Bikeshare, predicting future bike demand

- Processed data with **Pandas** and created demand heat maps using **Folium**.
- Visualized bike demand trends with **Seaborn** and **Matplotlib**.
- Forecasted bike demand with Time Series Analysis and **Polynomial Regression** for resource optimization.

German Parliament Speech Analysis Using RAG and NLP

- Developed a Retrieval-Augmented Generation (RAG) system to analyze German parliamentary speeches (2000–2022).
- Retrieved speech data via APIs and indexed it in SQLite and FAISS for efficient semantic search.
- Utilized NLP techniques and Transformer models with spaCy for summarization, topic extraction, and retrieval of structured insights, including metadata and context.

EDUCATION
Advanced Data Analytics & Machine Learning - Immersive Course 06/2024 - 12/2024
Code Academy Berlin, Berlin, Germany
Intensive Coding Program: Piscine & Full Cycle (March - June 2024) 03/2024 - 07/2024
42 Berlin
Bachelor of Arts in Social Work and Practical Research in Social Work and Early Education M.A. 04/2013 - 05/2020
Alice Salomon Hochschule Berlin, Germany
Bachelor of Science in Actuarial Science (Risk Management) 03/2004 - 08/2008
Marmara Üniversitesi-Istanbul, Turkey