



Mohamad Kaser

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Portfolio: <https://mohamadkaser.netlify.app>

GitHub: <https://github.com/MohamadKaser98>

EDUCATION

Philipps-University Marburg - Marburg, Germany

Master of Science in Computer Science – (**Graduated** in 31.03.2025)

- **Thesis:** KaserScore: A Novel String Similarity Measure Metric in Data Integration.
- **Specialized coursework** in Data Integration, Big Data analytics

Istanbul Kültür University - Istanbul, Turkey

Bachelor of Engineering in Computer Engineering – (Graduated in 01.12.2021)

WORK EXPERIENCE

SmartINB – Remote

04.2025 - Current

Data & BI Engineer (Freelance work)

➤ **Project name:** HR Digitalization & Analytics Suite

1. Designed and developed interactive **Power BI dashboards** to visualize key HR metrics such as headcount, attrition, training hours, and absenteeism for improved workforce planning.
2. Collaborated with HR stakeholders to define relevant **KPIs** and align reporting tools.
3. Built ETL scripts in Python for extracting, cleaning, and transforming job data.
4. Ensured data quality by implementing validation rules and accuracy audits.

Philipps University of Marburg – Marburg, Deutschland

10.2023 – 12.2024

Professor Assistant - Machine Learning Course (Part-time Job)

- Analyze grades and performance across different courses, departments or semesters using Power BI, Excel, Python (Pandas), SQL.
- Automated grading pipeline in Python, improving performance by 20%.
- Managed structured data from student submissions and analyzed grading metrics.

AppLab - Doha, Qatar

01.2023 - 09.2023

IT Business Analyst (full-time Job)

- **Project name:** Ministry of Commerce & Industry Mobile Application
 - **Responsibilities:**
 1. Daily standup with developers, designers and testers.
 2. Delivering BI-related reports to HR departments.
 3. Track project progress, maintain timelines and manage tasks.
 4. Support designers and developers with solution ideas.
 5. Create and update Functional requirements, flow diagram and use cases documents.
 6. Conducted tests before deployment.
 7. Provide technical support for clients' employees, create user guide documents.
- **Project name:** World Aquatics Championships Doha 2024 Website Application
 - **Responsibilities:**
 1. Gathering Requirements through holding meetings with stakeholders.
 2. Organizing brainstorming sessions to solve complex topics, e.g. Event Calendar visualization.
 3. Planning sprints and coordinating tasks priorities.
 4. Referring to the project manager to get advice.
 5. Supporting appropriate handover documentation between employees including me.

BluTechnologies- *Istanbul, Turkey*

05.2021 - 07.2021

Database Specialist (Internship)

- Explored Oracle database systems for telecom billing.
- Analyzed and documented schema relationships, improving my SQL foundation.

SKILLS

- **Courses:**
 - Data Governance Fundamentals (planned/self-study)
 - Agile Scrum Master – 01.2025
 - Introduction to Agile – 12.2024
 - Quality Management & Risk Management – 06.2024
 - Web Accessibility and Usability Design – 01.2023
- **Tools:**
 - BI & Data Tools: Power BI, Tableau, Snowflake, Azure Synapse.
 - Databases & ETL: SQL, Data Warehousing, Python (ETL Automation), Oracle.
 - Cloud platform: Microsoft Azure.
 - Project Tools: Jira, Trello, Confluence, Excel, Notion.
- **Languages:**
 - English: Advanced (C1)
 - Deutsch: Intermediate (B1)
 - Arabic: Mother tongue