**Mirac GOKMEN**

Lexington, Kentucky, USA • +1 859 440 94 14 • [mirackabatas0@gmail.com](mailto:mirackabatas0@gmail.com) • <https://www.linkedin.com/in/mirackabatas/>

**Summary**

Results-driven Data Analyst with expertise in healthcare data anonymization, machine learning, and data transformation. Proven track record of leading Epic Clarity to OMOP CDM conversions and developing Python-based solutions for image segmentation and DICOM data. Skilled in SQL, Python, Power BI, and ETL processes, with a strong focus on delivering data-driven insights and scalable analytics. Additionally, experienced in designing and deploying machine learning algorithms to optimize production processes and reduce waste in the textile industry.

Python | SQL | Machine Learning | Deep Learning | ImageProcessing | Power BI | Sk-learn | Pandas | DBMS | ETL |Data Cleansing | Quantitative Analysis | Statistical Modeling | Regression Analysis | Data Visualization | Time-Series Analysis | Problem Solving

**Work Experience**

**The University of Kentucky**, Lexington, Kentucky, USA

*Database Analyst*, 01/2023-06/2023

* Led the de-identification and transformation of healthcare data from Epic Clarity to OMOP CDM, ensuring compliance with data privacy regulations and improving data standardization.
* Collaborated with cross-functional teams to streamline data workflows and enhance data quality for research and analytics.

**Medical Park Hospitals Group**, Istanbul, TURKEY

*Application Development Assistant Specialist*, 10/2019-07/2020

* Developed Python-based applications for DICOM image labeling and processing, automating data tasks to improve workflow efficiency and accuracy in medical imaging.
* Implemented image segmentation and machine learning algorithms to enhance diagnostic capabilities and reduce manual effort in healthcare applications.

**Taglette Company**, Istanbul TURKEY

*Data Scientist*,07/2019-10/2019

* Designed and deployed machine learning algorithms to optimize production processes, reducing waste by 15% and uncovering insights from large datasets, which improved decision-making efficiency by 20%.
* Collaborated with engineers to integrate machine learning solutions into workflows, resulting in a 10% cost savings and a 25% improvement in overall operational efficiency.

**Education**

**MIT University**, MITx, USA

Master of Science , Micromasters program of Statistics and Data Science, 05/2024-Present

**Karabuk University**, Karabuk, TURKEY

*Bachelor’s degree, Computer Engineering*, 09/2015-07/2019

**Certifications & Achievements**

* Analyzing and Visualizing Data with PowerBI, Davidsonx, USA.
* IBM Skills Network, USA.
* Google Finance Data Analyst Professional Certificate Specialization, USA.
* Google Data Analyst Professional Certificate Specialization, USA.
* Amazon Web Service Fundamentals Certificate, USA.