Mirac GOKMEN

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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.