

Salih Abdullah Kılıç

Data Management Specialist

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Profile

I am passionate about leveraging data for impactful decision-making. I specialize in data analytics and ETL processes, with hands-on experience in data management, data engineering and analytics. I am actively building my career in data-driven problem solving and have a strong foundation in software development lifecycle methodologies.

Professional Experience

Sade Yazılım ve Danışmanlık

Data Management Assistant Specialist

2024/04 – Present | İstanbul/Maltepe

I provided consultancy, technical support, and project execution for energy, finance, e commerce, and public sectors, specializing in SAS, SQL, Python, Qlik Talend And JavaScript. My focus included Data Quality & Analytics, ETL processes, and data migration, delivering tailored solutions, optimizing systems, and ensuring seamless data transitions

Data Analyst Intern

2024/02 – 2024/04 | İstanbul/Maltepe

I began my internship as part of Vocational Training in Business and received a full-time job offer by the second month, transitioning to a permanent role.

Education

Bachelor of Business Administration, Management Information Systems

2019/08 – 2024/06

İzmir Bakırçay Üniversitesi

GNO: 3.0/ 40

Languages

Turkish

Native/ Bilingual

English

C1

German

A2

Certificate

- Google Data Analytics Specialization Certificate
- SAS Programming 1: Essentials
- SAS Programming 2: Data Manipulation Techniques
- SAS Programming 3: Advanced Techniques
- High-Performance Data Processing with CASL in SAS Viya

Skills

- Data Quality
- Data Analysis
- FastAPI
- Agile Methodologies
- Hadoop
- Extract, Transform, Load (ETL)
- Data Visualization
- Git
- Apache Airflow
- Microsoft Office
- SQL
- Project Management
- Object-Oriented Programming
- Qlik Talend
- SAS
- Python
- Digital Transformation
- Single Store

Projects

Versus Stock: A Decision Support System for Investing in the Stock Market [↗](#)

Graduation Project

Versus Stock allows users to compare financial ratios, return rates, and evaluate stock investments against other securities, with a focus on dividend-paying companies. I used yfinance, a Python library which connects Yahoo Finance, to fetch real-time stock data and the BeautifulSoup library for web scraping real-time data from another brokerage. For the backend, we used FastAPI to format and serve the data, while the frontend was built with JavaScript, HTML, and CSS to display the information in an intuitive and responsive way.

salihkiloc.net [↗](#)

2024/10 – Present

Personal Portfolio Website

Developed a personal portfolio I successfully transitioned the site from React.js to a Ruby and Jekyll based architecture to improve SEO and performance. The platform is now fully operational and ready for content delivery, showcasing my data engineering projects.

Enerjisa Modernization [↗](#)

2024/05 – 2024/09

Enerjisa, a large Turkish utilities organization, Modernization and Migration from SAS 9.4 to SAS Viya/ SAS, SQL,

Apache Airflow I actively participated in the processes of ETL, data quality, data governance, and workflow performance optimization for a flow containing more than 100+ analytics, business intelligence rules, and business logic. I facilitated seamless and high-performance data exchange across Oracle Vertica, SAP S/4HANA, and AWS by performing detailed analyses, developing and optimizing solutions, scheduling workflows via Apache Airflow, and conducting comprehensive testing to ensure reliability In the project, I worked on optimizing data processes, resolving performance bottlenecks, and improving data quality to enhance the efficiency of workflows.

HepsiPay Vertica Upgrade [↗](#)

2024/11 – 2024/12

Python, SQL, Apache Airflow, Spark

I was involved in the migration of database connections for open-source managed analytics processes to Vertica and the upgrade of the existing open-source Apache Spark Jupyter Notebook and Airflow environments to a more stable and up-to-date version. I managed the revision, development, and testing processes of DAGs and it's Python codes to ensure compatibility with the upgraded environment.

AYDEM Enerji, Sales Pricing Project [↗](#)

2024/09 – 2024/11

SAS, SQL, JavaScript, Postman

Actively contributed to coding the manual process used by sales consultants for proposal generation into automated workflows using SAS Data Step and SQL, ensuring compliance with business rules and formula calculations. I designed and deployed interactive, mobile-compatible input screens for consultants to enter data, which was then integrated into SAS, utilizing JavaScript, HTML, and CSS for the frontend. actively using by over 50+ Business Units and Sales Consultants on the field In the second phase, I continue to provide support and develop enhancements based on analytical needs and customer requests

Türk Telekom Group Technology Department [↗](#)

2024/12 – 2025/12

SAS Viya 4, Python, SQL, Hadoop, Oracle, Regex

Supported the SAS Viya 3.5 to Viya 4 Transformation Project for Turk Telekom, one of the largest telecommunications providers in Türkiye. SAS is an enterprise grade analytics platform that utilizes specialized Data Step processing and SQL for complex data manipulation and statistical analysis. Working within the Data Management team, I adapted analytical workflows to a modern Kubernetes based microservices architecture. I personally managed the end to end migration of analytical models and reports for the Corporate and Fixed business units while contributing significantly to the Mobile and Digital units.

To manage this large scale architectural shift, I developed a custom Python program utilizing Regex based scripts to analyze over 70,000 tables used by business units on Oracle and Hadoop to identify activity and cross model dependencies. Although the migration strategy initially involved SingleStore, a strategic decision was made to remain on Hadoop. Consequently, I designed and implemented advanced partitioning strategies for Hadoop and Oracle tables to ensure high performance data processing. Throughout the migration and post go live phases, I led the troubleshooting and resolution of complex technical issues related to SAS engines, Oracle engines, and encoding conflicts.

I documented the migration processes and performed knowledge transfer for the team to ensure the continuity of the migration and operational tasks. Following the successful completion of the project, I continue to provide ongoing maintenance and support to ensure the stability and optimization of the modernized analytical ecosystem for all business units.

Yves Rocher France 

2026/02 – Present

SAS Viya 4, SAS Studio, Visual Analytics, Enterprise Guide, Enterprise Miner

Contributing to the SAS Viya 4 migration project for Yves Rocher a large cosmetic retailer, by transitioning legacy analytical assets to a modernized architecture. In coordination with the Data Management Team, I am involved in converting 5 Enterprise Guide projects and SAS codes into SAS Studio formats while migrating specific Enterprise Miner models to Viya Model Studio. My technical focus within the team includes optimizing the data pipelines that feed Machine Learning and Artificial Intelligence models to ensure that model outputs are accurate and aligned with business requirements.

I am also supporting the transformation of 72 Visual Data Builder flows into SAS Studio Flows and the migration of 116 Visual Analytics reports to the Viya 4 platform. To ensure a smooth transition for the client, I am helping lead 10 days of on the job training sessions and preparing project documentation. While the migration process continues as a team effort, I provide the necessary technical expertise for CAS engine optimization and system stability.