ISIM SOYISIM

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SUMMARY

Having several years of experience in data analysis by applying for Machine Learning (ML), Artificial Neural Networks (ANN), and Fuzzy Logic algorithms. Having gratifying skills in communication, self-motivation, and the ability to work independently or in a team to identify and solve problems, plan, and complete tasks.

EXPERIENCE

Data Scientist

…. AG, Operations & SCM Industrie July 2023 - Present, DE, Frankfurt

• Implementation of a business analytics solution with big data for procurement and supply chain optimization.  
• Developed ETL process to ensure effective data ingestion and mapping, enabling faster and better analytics.  
• Developed automated analytical reports to identify areas of opportunity, improved visibility, and accountability in all aspects of procurement and supply chain process, and provided accurate analysis of historical data to inform budget and inventory decisions.   
• •Tools: Python, PySpark, Databricks, Spark SQL, Azure Data Factory, Azure Synapse, Power BI, Jira, Confluence.

Data Scientist

\_\_\_ AG January 2019 - July 2023, DE, Frankfurt

• Developed predictive models and conducted exploratory data analysis to enable personalized customer experience and identify customer segments from large datasets with over 10 million rows.   
• Created segmentation models to classify potentially risky customers. Processed and cleaned datasets with Pandas, and implemented machine learning models with Sci-kit Learn, PySpark and Spark MLLib.  
• Strategic Consumer Segmentation, Segmentation of Risky Consumers, Model Monitoring, Unit Testing, Code Refactoring, Exploratory Data Analysis, Feature Engineering, Big Data, Model Development.  
• • Tools: Python, Pandas, Sci-kit Learn, PySpark, Databricks, Spark SQL, Spark MLLib, AWS, S3, Bitbucket, Jira, Confluence, Office 365.

Data Scientist Intern

Technology Management DI MC, R&D, \_\_\_ AG July 2018 - December 2018, DE, Frankfurt

• Developed a machine learning model for the early diagnosis of bearing which experienced an accuracy rate of 99%, yielding a significant increase in operational efficiency.  
• Performed exploratory data analysis and feature engineering methods such as Fast Fourier Transform (FFT) and Envelope Analysis for vibration analysis to identify bearing faults using Python and Scikit Learn.  
• • Tools: Python, Sci-kit Learn, Tensorflow, Office 365.

EDUCATION

German Language Examination DSH

Heidelberg University • DE, Heidelberg • 2021

Biomedical Engineering

\_\_ University •\_\_\_, Turkey • 2010 • 3.61

Biomedical Engineering

\_\_\_University • \_\_\_, Turkey • 2008 • 3.71

Electrical and Electronics Engineering

\_\_\_ University • \_\_\_, Turkey • 2004