**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.

**WORK EXPERIENCE**

**Data Scientist**

**Firma, Departman, Sehir, Ülke**

***Since 07/2023***

* 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**

**Firma, Departman, Sehir, Ülke**

***01/2020 – 07/2023***

* 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**

**Firma, Departman, Sehir, Ülke**

***07/2017 - 12/2019***

* 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.

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**EDUCATION**

**M.Sc. in Biomedical Engineering**

**Department of Electrical and Electronics Engineering, Üniversite, Ülke**

***09/2005 - 05/2007***

* *Data Mining, EMG Signals, Neuro Fuzzy Systems*

**B.Sc. in Electrical and Electronics Engineering**

**Department of Electrical and Electronics Engineering, Üniversite, Ülke**

***09/2000 - 05/2004***

**COURSES & CERTIFICATIONS**

* Data Science Fundamentals for Data Analysts – Apache Spark***08/2022***
* Certified Spark NLP for Healthcare Data Scientist, ***04/2022***
* Icon

  Description automatically generatedOther Certificates (**see**  )

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Description automatically generated**PROJECTS**

* Training Projects for trainee (**see**  )
* **Regression and Classification:** Price Predict., Churn Predict., Fraud Detect., Lin. Regression, Log. Regression, KNN, SVM, AdaBoost, Random Forest, XGBoost, LGBM, CatBoost, SHAP, OPTUNA, Imbalance Dataset
* **Clustering and Dimension Reduction:** Customer Segmentation, Diagnostics, Anomaly Detection, K-Means Clustering, Hierarchical Clustering, PCA
* **Forecasting:** LSTM, Time Series, Prophet
* **Image Classification:** CNN, **NLP:** Spark NLP, NER-Models, Sentiment Analysis
* "Arterial Spin Labeled Perfusion **MRI** as a Biomarker for **…**
* "To evaluate and determine the relationship between …

**PUBLICATIONS**

* …

**TECHNICAL SKILLS**

Python | NumPy | Pandas | Matplotlib | Seaborn | Sci-kit Learn | TensorFlow | Keras | Flask | Streamlit | Spark SQL | Spark MLLib | PySpark | Databricks | Spyder | VS-Code | Jupyter | Azure ML Studio | AWS | S3 | Docker

MS SQL-Server | SQLite | Tableau | Power BI | Google Sheets | Excel | Linux | Git-GitHub | Bitbucket | Jira

**COMMUNITY ACTIVITIES and ENGAGEMENTS**

* Volunteer Instructor and Program Consultant at [Datarithmus](https://datarithmus.org/), ***since 11/2022***
* Volunteer Instructor and Program Consultant at [**Codingbook**](https://codingbook.org/), “Empowering Women in IT Field”, ***since 11/2022***

**LANGUAGES**

* German, Professional Working Proficiency
* English, Professional Working Proficiency
* Turkish, Native

**HOBBYS**

Hiking, Gardening, Table Tennis

**REFERENCES**

Imza

**Isim Soyisim**

**Yer, 20.10.2023**