Ramazan Erduran

Data Scientist

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LinkedIn | GitHub | Medium

Summary

Skilled and passionate data scientist with expertise in machine learning and deep learning, possessing a strong foundation in analytics, statistics, and mathematics. Proficient in interacting with clients and experienced in the process of model development. Valuing teamwork and open communication, enabling effective collaboration within a team environment. Dedicated to transforming all types of data into insights during the process of data exploration and analysis, adept at uncovering hidden relationships and paying attention to detail.

Work Experience

E-Kalite Yazılım Ankara, Turkey
Jr. Data Scientist *Aug 2022 – Oct 2022*

- By creating machine learning and deep learning models, I enhanced the accuracy rate and improved precision.
- By optimizing data analysis and processing processes, I shortened project duration and increased on-time delivery rate.
- By effectively processing large datasets using Spark, I accelerated data processing speed.
- By performing data retrieval and merging operations from databases, I reduced SQL query durations, thus speeding up data access.
- By utilizing advanced statistical models, I increased success rates in various projects.
- By generating interactive and impactful reports with data visualization tools, I assisted managers in data-driven decision-making processes.
- By actively tracking projects, I fostered effective collaboration with other team members and successfully managed project deliveries.

E-Kalite Yazılım Ankara, Turkey
Data Science Intern *Jun 2022 – Aug 2022*

- I developed a machine learning model in Python to predict house prices.
- I conducted data cleaning, merging, and querying operations in databases using SQL.
- I performed data manipulation and cleansing tasks using Python and Pandas in data analysis and reporting projects.
- By creating interactive and understandable visualizations with data visualization tools, I supported data analysis through presentations.

Education

Hacettepe University Ankara, Turkey
B.Sc. in Statistics; ***GPA: 3.05/4.00*** *Sep 2018 – Jun 2023 (Expected)*

Ereğli High School Konya, Turkey
High School Diploma; ***GPA:84.57/100*** *Sep 2014 – Jun 2018*

Achievements

TÜPRAŞ 2023 Generation Datathon 2nd Place: As a member of the TÜPRAŞ Data Analytics team, we are expected to develop a model for forecasting the demand for gasoline products for our subsidiary, TÜPRAŞ Trading Ltd., located in the United Kingdom, within a week. The model to be created will generate critical value in various aspects such as ensuring complete demand fulfillment, commercial profitability, efficient and timely logistics, inventory management, and sustainability.

KPMG Data & Analytics Challange 7th Place: Istanbul has been chosen as the pilot region, where considering the current budget and constraints, you are expected to open coffee shops in various locations. Your responsibilities include conducting customer segmentation, estimating customer count, sales, and revenue to create a projection for the next two years, with the aim of maximizing the company's revenue.

GDZ Elektrik 2023 Datathon 24th Place: In this competition, the hourly distributed energy (MWh) value is treated as a time series, aiming to make future predictions. In line with this goal, any publicly available data that is believed to contribute to the model has been obtained through data scraping and added to the dataset.

Projects

Amazon Reviews Analysis NLP | *GitHub*

- The objective of this project is to perform sentiment analysis on Amazon reviews and predict the corresponding rating given by the reviewers on a scale of 1 to 5.

Time-Series Forecasting with R | *GitHub*

- The aim of this project is to predict the future energy generation from the solar panels installed in the İkitelli district of Istanbul Metropolitan Municipality (IBB). In this project, various methods and models such as additive decomposition, multiplicative decomposition, simple linear regression, Holt-Winters exponential smoothing, and Box-Jenkins models were applied for analysis.

Predicting Credit Card Approvals | *GitHub*

- The aim of this project is to predict whether an individual's application for a credit card will be accepted.

Skills

Programming: Python, R, MySQL, MSSQL, SQLite

Technologies (Comfortable With): Git, PySpark, KNIME, Jupyter Notebook, Tensorflow, Scikit-Learn, Numpy, Pandas, Plotly, VS-Code, Markdown, LaTex, RStudio

Technologies (Experienced With): Playwright, Linux, R-Shiny, Minitab, SPSS

Languages: Turkish (Native), English (Professional working proficiency)

Certificates

Data Scientist with Python *Oct 2022*

Python & Tensorflow for Python *Mar 2023*

Machine Learning for Python *May 2023*

All My Certificates are on my *GitHub*