Yaşar Yiğit Turan

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Summary

I have a keen interest in data science who closely follows technological advancements in AI. Highly motivated to apply analytical skills in data science projects and continuously develop skills in this rapidly extending field.

Experience

Data Science Intern   Remote, Germany
Goldbergmed gmbH   **March 25 – June 25(Expected)**

- o   My first task is involved analyzing the impact of COVID-19 on revenue by conducting A/B tests.
- o   General tasks headers are revenue analysis, product analysis, product-tree analysis, life expectancy with fault records, cancer detection, making chatbot for products, source classification with computer vision, deployment projects.

EDUCATION

Hacettepe University   Ankara, Turkey
Bachelor of Science - Statistics; GPA: 3.04/4.00   **October 22- June 26(Expected)**

- o   Relational Coursework: Statistical Software, Statistical Analysis, Intelligence Optimization Techniques, Database Management.

PROJECTS

Multi-Class Ethnic Classification | LINK

- o   Achieved a 91% accuracy, %89 recall rate in forecasting ethnic after extensive data preprocessing.
- o   Handled class unbalanced applying smote method increase %7 macro average recall score in the train data.
- o   Received best score with logistic regression model through support vector classifier (svc), random forest and ada boost.
- o   Showed features impact our final model with SHAP method.

E-Commerce Customer Insights | LINK.

- o   Conducted exploratory data analysis (EDA), and outlier detection to ensure data quality and reliability.
- o   Performed RFM analysis to segment customers into low, middle and top groups.
- o   Applied K-Means clustering and the result visualized in the understandable graph.

Credit Score Prediction | LINK

- o   Developed artificial neural networks (ANN) architecture, prevented overfitting and class unblanched, implemented SMOTE method.
- o   After handling outliers increased accuracy score %24 without overfitting in the final architecture.

Data Jobs Salary Statistical Analysis | LINK

- o   Analyzed jobs trends across different data roles.
- o   Employed statistical methods such as Kruskal-Wallis and Dunn tests to compare mean salaries. Chi-squared tests to examine relationships between categorical variables, and linear regression to model the impact of various factors on salary.
- o   The analysis revealed valuable information for individuals navigating the data job market.

Online Retail Data Analysis| LINK

- o   Performed data cleaning, outlier detection, exploratory data analysis (EDA) and results showed with interactive visualization with plotly.
- o   Analyzed sales trends, customer behavior, and product performance.

SKILLS

- **Languages**:   Python, SQL, R
- **Frameworks**:   Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn, Scipy, Plotly, Tensorflow, Keras, Streamlit
- **Tools**:   Power BI, PostgreSQL, SPSS, Minitab
- **English**:   B1

CERTIFICATES

Data Science Bootcamp (TechPro Education) | Ongoing   **June 24 - June 25**

- o   Experienced data analytics, machine learning, deep learning and implemented extensive projects, shared on kaggle.
- o   Achieved Kaggle master notebook badge thanks to loaded projects.

Supervised Machine Learning: Regression and Classification (DeepLearning.AI) | CERTIFICATE   **March 2024**

- o   Mastered foundational regression and classification problems, optimized model performance using Gradient Descent, and used regularization parameters to prevent overfitting.

Machine Learning (Miuul) | CERTIFICATE   **April 2024**

- o   End of the course participated in the Kaggle Titanic Competition, achieving a top %16 ranking at 14,154 teams.

Data Analysis (TechPro Education) | CERTIFICATE   **November 2024**

- o   Conducted extensive exploratory data analysis (EDA) and performed statistical analysis with multiple projects.
- o   Made power bi dashboard which includes product, customer and region-based analysis. Used drillthrough and tooltip page detailed insights. Project Video.