Tolga Boroglu

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SUMMARY

Data Scientist and Machine Learning Developer with 3 years of expertise in statistical and predictive modeling, NLP, and noisy dataset analysis. Proficient in SQL, Python, and scientific computing. Dedicated to driving data-driven decisions, with a focus on utilizing Power BI and Tableau for impactful data visualization and insights extraction.

EXPERIENCE

Data Analyst
Kodlasam   **March 2023 - December 2023, Turkey**
- Experienced instructor in Data Analysis using Python, delivering comprehensive instruction to participants in a Bootcamp program.
- Designed and developed curriculum materials, lesson plans, and learning resources to effectively convey complex concepts.
- Provided hands-on training and guidance, facilitating students' understanding and application of Python for data analysis tasks.
- Created engaging and interactive learning experiences through practical exercises and real-world case studies

BI & DWH Developer
Trive   **July 2023 - September 2023, Turkey**
- Extensive experience in report preparation utilizing Microsoft SQL.
- Demonstrated expertise in the creation and support of Tableau Dashboards.
- Developed and deployed MS SQL and PostgreSQL stored procedures to support ETL processes, resulting in a 15% reduction in manual work and 20% increase in data loading speed.
- Constructed data warehouse structures such as dimensions, hierarchy, fact tables and applied normalization.

Data Scientist / Freelancer
Upwork   **October 2022 – Present, Germany,Ireland**
- Seasoned professional in NLP and machine learning, specializing in text and document automation systems. Proficient in Apache Spark for big data processing, model development, and report generation. Achieved 86% accuracy in sentiment analysis. Implemented logistic regression, k-NN, and gradient boosting models for predictive analytics, attaining a 99% success rate in estimating customer behavior. Proven ability to optimize processes for data-driven decision-making.
- Spearheaded a comprehensive sales data analysis project for a café business, leveraging Power BI's robust analytical features.
- Developed a reporting and visualization solution to understand and enhance the café's sales performance and business strategies.
- Focused on tracking and analyzing daily, weekly, and monthly sales trends, utilizing Power BI to discern sales patterns, identify top-selling products, and observe customer behaviors.
- Implemented dynamic time-based analysis to evaluate the café's traffic at different hours and assess the impact of special events on sales.
- Delivered actionable insights that enabled the café to optimize sales strategies, make informed decisions on popular products, and improve inventory management.
- Provided data-driven recommendations for enhancing marketing strategies by evaluating the effects of promotions and special events on sales.

Research and Development Intern
Adana Science and Technology University   **July 2022 – September 2022, Turkey**
- Experienced data analyst proficient in utilizing statistical techniques and data analysis tools to analyze student graduate data at the university.
- Developed visually appealing visualizations using Power BI for effective data representation. Collaborated with the team to identify key insights and trends, contributing to research and decision-making processes. Presented findings to stakeholders in a clear and concise manner.

Data Analyst Intern
Flalingo   **March 2022 – May 2022, USA**
- Experienced intern skilled in data analysis and visualization using Tableau, a popular business intelligence tool.
- Created impactful dashboards to effectively communicate complex information.
- Proficient in data preparation and visualization techniques.

SKILLS

Microsoft SQL Server, Python (Numpy, Pandas, etc.), Business Intelligence (BI), Statistical Analysis Machine Learning Algorithms, Power BI, Tableau, Interpersonal Communication, Microsoft Excel, Big Data Analytics, Data Mining, Data Analyst and Analytical Skills

EDUCATION

Management Information Systems | Adana Science and Technology University | 2.97 GPA | 2023