SILAS TAIWO-ADEYEMO

taiwoadeyemosilas@gmail.com | 37069271153 | Kaunas, KU LT46274

Summary

Business Informatics graduate with over 1 year of experience in data science and machine learning. Skilled in developing data-driven decision solutions using Python, SQL, and data visualization techniques, with a proven ability to analyze complex data and present actionable insights to stakeholders.

Skills

- Python (NumPy, Pandas, Scikit-learn)
- SQL
- IBM SPSS Statistics
- Supervised learning (linear regression, logistic regression/classification, decision trees, random forest, XGBoost)
- Unsupervised learning (k-means, hierarchical)
- BPMN, UML (process modeling)
- Data visualization (Seaborn, Matplotlib, Tableau)
- Microsoft Office Suite
- Prepare reports & presentations
- A/B experimentation
- Google Analytics 4

Experience

11/2023 - Current
Blue Cross Blue Shield of Michigan|Strategic Staffing Solution
Kaunas, Kaunas

Memberhsip Analyst
- Managed customer contracts, pricing structures, and service agreements to support seamless partner operations
- Provided account management support, maintaining a 98% monthly quality assurance rating
- Performed financial reconciliations on invoices to ensure billing accuracy
- Escalated high-priority cases and collaborated with cross-functional teams to resolve critical issues

02/2025 - 06/2025
Agrovinica
Budapest, HU

Business Intelligence Analyst
- Preprocessed a large article corpus using lemmatization and NLP libraries (e.g., NLTK) to extract keywords for a Google Ads campaign
- Performed customer segmentation in Google Analytics 4 to identify distinct customer groups
- Applied hierarchical clustering to define customer segments based on GA4 data
- Developed a web scraping tool with AI assistance (e.g., Claude) to automate data collection
- Prepared reports and presentations using Microsoft Office Suite

06/2023 - 09/2024
Woodway County Club
CT, USA

Waiter|Kitchen Prep
- Demonstrated exceptional customer service skills in an hospitality environment
- Managed financial transactions, including payment processing, change counting, and receipt issuance
- Maintained high standards of food safety and sanitation during food and drink preparation
- Prepared dining areas and maintained cleanliness to meet high-quality service standards

Projects-

All projects can be viewed on my github profile- https://github.com/Silas-TA
- Developed a housing price prediction model for a kaggle challenge using XGBoost with an RMSE score of 0.14.
- Developed a model for grouping customers into various segments using hierarchical and k-means clustering techniques (Agrovinica, 2024/2025)
- Developed a model for twitter sentiment analysis using keywords entered by user
- Developed a simple linear regression model to determine student performance based on key metric (Hours Studied, Previous Scores, Extracurricular Activities, Sleep Hours, Sample Question Papers Practiced)

Education and Training

01/2025
Kaunas, Lithuania

Bachelor of Science in Informatic Systems
Vytautas Magnus University
Informatics Systems with a specialization in Business Informatics.

10/2023
Kaunas,
Lithuania|Katowice,
Poland

Joint Program By 'Transform 4 Europe' in Data Science
Vytautas Magnus University|SILESIA UNIVERSITY
- The data science course I completed covered data preprocessing, emphasizing the cleaning and transformation of raw data for analysis.
- It included a significant focus on analytics, delving into various statistical and machine learning techniques to extract valuable insights.
- The curriculum encompassed both visualization techniques and machine learning, including unsupervised and supervised learning, decision rules, as well as an exploration of trees and neural networks.