

# SILAS TAIWO-ADEYEMO

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## 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

**Membership 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 - 09/2023

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

- 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	<b>Bachelor of Science</b> in Informatic Systems Vytautas Magnus University Informatics Systems with a specialization in Business Informatics.
10/2023 Kaunas, Lithuania Katowice, Poland	<b>Joint Program By 'Transform 4 Europe'</b> in Data Science Vytautas Magnus University SILESIA UNIVERSITY <ul style="list-style-type: none"><li>• The data science course I completed covered data preprocessing, emphasizing the cleaning and transformation of raw data for analysis.</li><li>• It included a significant focus on analytics, delving into various statistical and machine learning techniques to extract valuable insights.</li><li>• 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.</li></ul>