KINDYL ALFONSO

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Education

University of New Hampshire, Durham, NH | July 2024

Peter T. Paul College of Business and Economics

Master of Science in Business of Analytics

GPA: 3.8

Bachelor of Science in Business Administration, Information Systems & Business Analytics option

GPA: 4.0 – Summa Cum Laude

Paul College Academic Excellence Award | Fall 2020 & Fall 2021 & Fall 2022

Course Projects:

Big Data: Predicting High Performing Airbnb Properties (Spring 2024)
- Performed cleaning processes on Airbnb dataset with 95 columns of uncleaned data.
- Utilized prediction methods such as XGBoost, logistic regression, CatBoost, KNN, SVM.
- Received results of .86 AUC using XGBoost

Unstructured Data: Cyberbullying Tweets Analysis (Spring 2024)
- Conducted exploratory data analysis (EDA) and applied latent dirichlet allocation (LDA) for topic modeling and hierarchical clustering to analyze cyberbullying on Twitter.
- Performed advanced text preprocessing, including removal of stop words, stemming, and handling sparsity.
- Utilized perplexity to optimize topic modeling and identified key themes from Twitter data to support actionable insights.

Communication of Data: Steam Dataset Analysis (Fall 2023) –
- Data Analysis: Extracted insights from Steam dataset using statistical methods and visualization tools such as PowerBI, RStudio, and Tableau.
- Problem-solving: Identified and addressed complex issues by applying critical thinking and innovative solutions.

Radboud University, Nijmegen, The Netherlands | January 2022 – July 2022

Study Abroad Experience

Completed courses in cross-cultural management and communication, economic development, behavioral and experimental economics as well as Dutch culture, history, and politics

Experience

University of New Hampshire, Durham, NH | September 2022 – November 2023

Enrollment Management - Internship
- Gathered and organized transfer student data into Excel sheet to aid with prescriptive analytics
- Organized and coordinated a collaborative event for four university departments, designed to enhance team cohesion and inter-department collaboration

Target, Concord, NH | April 2020 – November 2023

Team Member
- Communicated with 10 other team members to work efficiently and meet deadlines
- Picked orders correctly for customers and achieved high productivity rates by 50% over expectations

Campus Activities

Beta Gamma Sigma – University of New Hampshire | April 2023 – May 2023

Global Ambassador – University of New Hampshire | August 2022 – May 2023

Skills

- Data Analysis & Visualization: PowerBI, Tableau, Excel (VLookup, Pivot Tables, Solver), RStudio (tidyverse, topicmodels, dplyr, caret)
- Programming Languages: Python (Pandas, NumPy, Matplotlib, Seaborn, TensorFlow, Keras), R, SQL
- Machine Learning & Statistical Methods: XGBoost, Logistic Regression, K-Nearest Neighbors (KNN), Support Vector Machines (SVM), CatBoost
- Optimization & Forecasting: Linear Programming, Integer Programming, Exponential Smoothing, ARIMA
- Conversational Dutch