FARIS ZUHAIMI

DATA ANALYST/DATA ENGINEER/DATA SCIENTIST

CONTACT

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SKILLS

- Python (NumPy, Pandas, SciPy, Matplotlib, PyTorch, Scikit-Learn, Tensorflow), R
- SAS, MATLAB, Google Sheets, Excel (VlookUp & Pivot Table)
- Microsoft Power BI, Tableau
- SQL, MySQL
- Jupyter Notebook, Visual Studio Code
- Microsoft Azure, Google Cloud, Oracle
- AutoCAD, Tinkercad, ANSYS

EDUCATION

The University of Texas at Arlington
Arlington, TX | Jan. 2022 - May 2023
Master of Science in Data Science

The University of Texas at Arlington
Arlington, TX | Aug. 2017 - Dec. 2021
Bachelor of Science in Electrical Engineering

EXPERTISE

- Data Visualization, Data Modeling
- Machine Learning, Deep Learning
- Pattern Recognition
- Database Management
- Statistical Analysis
- Agile Methodologies
- Data Analysis, Data Wrangling
- Programming, Debugging
- Data Mining
- Hypothesis testing
- A/B tests
- Regression

CERTIFICATIONS

- Google Analytics Certificate (2023)
- Data Visualization in Tableau (2023)
- Writing Functions in Python (2022)
- FE - Electrical and Computer (2021)

HOBBIES & INTERESTS

- Visits Historical Landmarks
- Tennis, Soccer, Volleyball
- Barista/Cook
- Content Creator

PROFESSIONAL EXPERIENCE

Shortage Control Associate

Burlington   Nov. 2021 - Present

- Underwent inspection throughout the shortage highway every 30 minutes, ensuring a safe environment to customers.
- Reported any suspicious behaviors in addition to unauthorized opened/emptied merchandises, unexpected alarms, etc.
- Decreased the loss of merchandise as well as any other store assets by a minimum of 5% in shortage costs per month.

Capstone Project Student Participant

The University of Texas at Arlington   Jan. 2023 - May 2023

- Produced a scatterplot, bar chart, heat map, and tree map in worksheets on ~102K diabetic patients among ~50 features (gender, medications, etc.), revealing a correlated pattern between age and weight in the dataset retrieved from Kaggle.
- Developed a Python-MATLAB integration to analyze 12,000 samples through 3 classification methods (Regression, Decision Trees, and Support Vector Machines), which reduced the cost between the raw and balanced accuracy to ~0.1%.
- Compiled 2+ action filters, parameters, and calculated sets applied simultaneously onto all visualizations on a comprehensive dashboard within Tableau Public Desktop, displaying 46.088% likelihood of patients being readmitted.

Graduate Research Assistant

The University of Texas at Arlington   Sept. 2022 - Dec 2022

- Conducted data analysis on 200+ countries, visualizing the relationship between 5+ features using Matplotlib's scatter plots, histograms, and feature matrices.
- Discovered a strong linear association between total covid-19 cases and deaths.
- Utilized 3 Scikit-Learn Machine Learning Algorithms (Linear Regression, Decision Trees, Random Forest) on a randomly sampled set of 150 countries (85% training set, 15% testing set) to predict COVID-19 outcomes.
- Evaluated model performance using 3 statistical metrics (Mean Squared Error, Root Mean Squared Error, and R-Squared), achieving an impressive 82.14% accuracy through thoughtful standardization and analysis.

Peer-Led Team Learning (PLTL) Leader

The University of Texas at Arlington   Aug. 2021 - Dec. 2022

- Led weekly sessions with 6-8 enrolled CHEM students on various topics (Orbitals, Stoichiometry, Acid-Bases, etc.)
- Demonstrated how to solve 20+ course-related problems per session through a problem-solving methods showcased by the course instructor.
- Increased the number of subjects for the tutoring program and the retention rate of enrolled PLTL students by 15%, which is aimed at 20% for next semester

Co-Programming Director

Union of Vietnamese Student Association Midwest   Oct. 2021 - Feb. 2022

- Oversaw the scheduling and event planning between 16 committees for the duration of the whole 19th Vietnamese Interaction as One Conference.
- Actively outreached to presenters, panelists, and keynote speakers who presented workshops covering topics on leadership, professional development, cultural education, etc. (E.g. Phillip Nguyen, etc.)
- Executed a reflection session, which gave attendees, staff, as well as Eboard a momentary space to reflect on their time as a leader as well as an individual.