MAHMUDA YASMIN

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OBJECTIVE

I AM AN ASPIRING DATA SCIENTIST WITH FORMAL DEGREES IN STATISTICS AND 6+ YEARS OF PROFESSIONAL EXPERIENCE AS A DATA VISUALIZATION ANALYST. I AIM TO BECOME AN INDUSTRY EXPERT WORKING ON EVIDENCE-BASED DATA ANALYSIS, PREDICTIVE MODELLING AND STATE-OF-THE-EARTH MACHINE LEARNING PROJECTS.

EDUCATION

SPRINGBOARD   *2024*

Data Science Professional Certification

• [Capstone 1: A project on developing ML Model on Predicting Customer Churn from a Telecom Dataset.](#)
• [Capstone 2: An NLP project on Sentiment Analysis on Reviews on Restaurants from TripAdvisor Dataset.](#)

University of Windsor - Windsor, ON Canada   *2014*

Master of Science: Statistics

• M.Sc. Thesis Topic: Efficiency and Coverage Probability of the Over-Dispersion Parameter in Clustered Binomial Data", 2014.
• Master's International Entrance Scholarship Issued by University of Windsor, Jan 2013.
• Former Co-Ordinator of Centre for Teaching and Learning (CTL) resources for GTAs and former Co-Ordinator of Pi Club, Dept of Math and Stat, UofWindsor.

EXPERIENCE

SPRINGBOARD   *2023 - 2024*

Data Science Fellowship

• Focused on programming (Python, SQL, Git), Machine Learning Models, Supervised/Unsupervised Learning and data visualization for eased interpretation of data analysis.
• Completing 600+ hours of hands-on coursework, with 1:1 expert mentor oversight, and completion of and completion of 2 in-depth portfolio projects utilizing Consumer Churn data for a Teleco Company and Restaurant Review data from TripAdvosor to predict and correlate Sentiments with Reviews.

PTI QCS, DETROIT, MI   *2016 - 2022*

Data Visualization Analyst

• 6+ years of working experience in Automobile Manufacturing Industry as Data Visualization Analyst focusing on Reporting, Dashboard Building and Maintenance.
• Designed efficient Workforce and Inventory Management plan for maximum utilization of manpower and resources.
• Specialized in Business Forecasting, Graphical Illustration and Report Generation.
• Specialized in application of Statistical Insights/ Techniques such as Time Series Analysis (Forecasting), A/B Testing (Hypothesis testing) etc.
• Experienced working with R, Python, Tableau, Power BI, MS Excel, Apache Spark, Azure ML Studio.

ADDITIONAL INFORMATION

Skills:

MS Excel (Vlookup, Hlookup, Solver Addins, PowerPivot), PowerQuery, PowerBI (DAX/ M-functions), Tableau, R/Rtudio (ggplot2, tidyr, dplyr, tidyverse, plotly, tseries), Python(NumPy, Pandas, Scikit-learn, Seaborn), Keras, Jupyter, PyTorch, TensorFlow, Databricks, SQL, BigData(Apache Spark), Git, Supervised Learning (Decision Trees, Random Forest, Time Series Analysis and Forecasting, SVM, Kernal), Unsupervised Learning (Euclidean/Manhattan Distance, K-means, Cosine Similarity and PCA/SVD), Neural Network (CNN, RNN -LSTM), Natural Language Processing/ NLP, Sentiment Analysis, Pipeline Building,

Interests:

Social Activism, Modern Art and Photography, Healthy Living enthusiast.