Chan Myae Khine

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EDUCATION

Brandeis International Business School	**Waltham, MA**
**Master of Science in Business Analytics (STEM)	Cumulative GPA: 3.82**	08/2021 – 12/2022

Relevant Coursework: System Dynamics, Information Visualization, Analyzing Big Data, Python and Applications to Business Analytics, Machine Learning and Data Analysis

Ripon College	**Ripon, WI**
**Bachelor of Arts in Business Management, Minor: Computer and Data Science	Cumulative GPA: 4.00**	08/2017 - 06/2021

Relevant Coursework: Intro to Programming, Data Analysis and Visualization, Data Structure & Algorithms, Artificial Intelligence & Applied Machine Learning

TECHNICAL SKILLS

Programming Languages: Python, R (tidyverse, ggplot2, lmtest), SQL, Stata

Computer Software: , Microsoft Excel (sumifs, countifs, vlookup), Qualtrics, Tableau, Tableau Prep, Trifacta Wrangler, Datarobot, Vensim

Analytics: Data Cleaning, Data Processing (numpy, panda), Data Mining, Data Visualization (matplotlib), Machine Learning (ScikitLearn), Data Analysis (Descriptive, Exploratory, Inferential)

WORK EXPERIENCE

Salient Trading Co. Ltd	**Yangon, Myanmar**
**E-Commerce Assistant	Facebook, Shop.com.mm**	07/2023 – 05/2024

- Created new product entries into the largest e-commerce website (Shop.com.mm) by translating English to Burmese to ensure the correctness of product description
- Designed campaign posters and product description posters to promote on social media pages, increasing website traffic by 75% and online sales by 50%
- Communicated regularly with inventory controller and e-commerce manager, maintaining the accuracy of stocks on e-commerce websites

Ripon College Creative Enterprise Center	**Ripon, WI**
**Consultant Intern	Microsoft Excel, Python, Tableau**	05/2020 - 05/2021

- Used Microsoft Excel to develop financial accounting ledgers and produce a 99% accuracy of billable and non-billable hours to clients having 90% efficiency in tracking and calculating bills
- Designed interactive Tableau dashboards to measure and monitor clients' financial transactions, donations, and grants using historical data to estimate next year's budget and present at student senate budgetary meeting

ACADEMIC PROJECTS

Brandeis International Business School	**Waltham, MA**
**IMDb and Box Office Movie Rating	Tableau, Tableau Prep, Trifacta Wrangler, R**	10/2022 – 12/2022

- Utilized Tableau prep and Trifacta Wrangler to pre-process 30k+ IMDb and Box Office data
- Visualized data into bar plot, box plot, scatterplot matrix, and tree map using Tableau and ggplot2 in R studio to explore the distribution and analyze the summary characteristics of 200k+ movies and TV shows
- Developed regression and classification models (multiple linear regression, boosted tree grid search) to present the attributes of the most popular movies; optimized the accuracy of multiple linear regression by 60%
- Created a 10+ page report about the characteristics of the most and least popular movies, recommending 3 approaches to producing successful movies

**Walmart Sales Data Analysis	Python**	01/2022 – 04/2022

- Utilized Python to pre-process 400k+ Walmart sales data using missing value imputation, feature selection using correlation, feature engineering, and stratified sampling
- Analyzed the relationship between sales and promotional offers with 10+ graphs (e.g. bar plot, line graph, heat map, scatterplot matrix) using seaborn and matplotlib
- Performed and optimized random forest model to 65% accuracy identifying the stores with the highest sales

**Sports Retail Revenue Data Analysis	SQL**	01/2022 – 04/2022

- Explored 3000+ data of different sports brands using correlation to analyze discounts, revenues, customer ratings, and reviews of sports brands using SQL
- Devised SQL queries using common table expressions (CTEs) and joining 2+ tables to produce 4+ categories based on customers' reviews, recommending 2 approaches to increase revenue based on brand discounts and user preferences