Rayyan Aamir Shekhani

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EDUCATION

- **Master of Business Analytics** (3.8/4.0 CGPA) February 2024 – December 2025
  Monash University | Melbourne, Australia
- **Bachelor of Business and Commerce** (3.2/4.0 CGPA) October 2020 - July 2023
  Business Analytics Major
  Monash University Malaysia | Kuala Lumpur, Malaysia

SKILLS

Software: RStudio, SAS, Tableau, Power BI, SQL, Git, Canva
Microsoft Products: MS Project, PowerPoint, Excel, Word, Access
Qualities: Communication, Organizational, Interpersonal, Leadership

ACADEMIC PROJECTS

Data Visualization Dashboard Using Rshiny June 2024

- Produced a data visualization project to outline key migration statistics impacting Australia's labour force, wholly implemented the dashboard using Rshiny.
- Extensive data cleaning and wrangling performed through tidyverse and relevant packages. Utilized leaflet and geosphere package for geographical mapping and coordinate handling.

SAS EM Data Mining, Clustering, and Segmentation February 2023

- Utilizing the necessary data curation skills to produce, examine, and execute a rational research question.
- Using SAS Enterprise Miner to generate clustering and segmentation profiles and based on the client's requests regarding result insights
- Assessments were conducted using Logistic Regression Models, Neural Network Models, Decision Tree Models, and Ensemble Models.

Forecasting and Machine Learning Using R November 2022

- Performing forecasting, time series regression, decomposition, and machine learning techniques to determine post-Covid profitability of air travel in the United States.
- Various simple forecasting methods, ETS models, and ARIMA models were utilized to suit both stationary and non-stationary data segments.
- Forecasting and machine learning was performed using R-Studio, whilst data visualization and further analysis was performed using Tableau.

Optimization in MS Excel March 2022

- Using solver within MS Excel to solve a client's problem using Linear Programming to evaluate data sensitivity with the Simplex Method. Utilizing Primal/Dual Models to supplement Transportation-based obstacles.
- Utilizing and selecting the best-of-rest method from Greedy, Northwest, and Vogel's Approximation Method (VAM).
- The mentioned methods were used in order to determine whether the maximization of material production was necessary and cost-efficient.

EXPERIENCE

Monash University Student Association November 2020 – June 2021

Operations Team Lead

- Take leadership in logistics handling of upcoming events whilst working closely with the Treasurer and President of the faculty to discuss budgets and other necessary details.
- Conducting analysis between participation rates and event outcomes to utilize budgets and tactics efficiently to maximize output.
- Initiating event plans, executing, and leadership to ensure high-participation rates between host and attendee.