

Dona Inayyah Don Nazwim

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EDUCATION

San Francisco State University — San Francisco, CA

Expected December 2024

Bachelor of Science in Applied Mathematics, Emphasis in Data Science

GPA: 3.96

Honors & Awards:

- Dean's List, *Summa Cum Laude*: Fall 2021 - Spring 2023
- Halmos Scholarship - Spring 2023

Sunway University — Kuala Lumpur, Malaysia

8/2019 - 12/2020

American Degree Transfer Program

GPA: 3.58

PROJECTS

A Multi-Factor Investigation on Toronto's Marijuana Possession Arrests

- Transformed complex data on marijuana possession arrests in Toronto, simplifying it for analysis by converting categorical variables into binary form.
- Employed logistic regression modeling and stepwise AIC model selection to identify significant predictors and assess model performance through a Goodness-of-Fit Test.
- Mitigated the challenge of unbalanced data by creating a more balanced dataset, enhancing the accuracy and reliability of the predictive model.
- Evaluated the model's effectiveness in predicting release outcomes, providing valuable insights into its predictive capabilities.

Exploring San Francisco Neighborhoods' Influence on COVID-19

- Curated and cleaned a dataset sourced from DataSF and The SF Standard, focusing on covid rates in different neighborhoods in San Francisco.
- Conducted a thorough exploratory data analysis (EDA) by applying regression tests and a correlation matrix to assess the relationship between geographic and socio-economic factors against covid rates.
- Created data visualizations such as scatter plots, boxplots and heatmaps.

EXPERIENCE

Pittsburgh DataWorks, Pittsburgh, USA (Remote via Zoom)

9/2023 - Present

Mentor for DataJam

- Guiding high school students in their data analysis projects, providing support in project formulation and data interpretation.

EcoKnights (NGO), Kuala Lumpur, Malaysia

4/2021 - 7/2021

Intern under the Community, Youth and Volunteerism Pillar

- Coordinated and moderated roadshows, dialogues, and social media challenges resulting in an increased average attendance of 50 participants per event.
- Assisted in orchestrating a successful tree-planting ceremony, supported by the Malaysian US Embassy.
- Created impactful promotional materials and engaging social media content using Canva.

SKILLS

- **Programming & Visualizations:** R, Python, Excel
- **Data Analysis:** Regression Analysis, Data Visualization, EDA, Machine Learning
- **Soft Skills:** Communication, Team Management, Problem-Solving, Project Planning