Nurul Haseena bt Abdul Razak

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# SKILLS

**Languages & Aptitudes**: Python, R (R Studio), SQL, NoSQL, Apache Spark, Tableau,  
 PyTorch, FastAI, Tensorflow, Keras, Gradio, OpenCV

**Technical Skills**: **Regression** (Linear, Multiple-Linear, Logistic, Random Forest), **Classification**

(K-NN, SVM, Random Forest, Naïve Bayes), **Clustering** (K-Means, Hierarchical),

Deep Learning, Hypothesis Testing, Data Cleaning, Data Analysis

**Other**: Data Storytelling, Critical Thinking

# EDUCATION

**University of Malaya Kuala Lumpur**

*Bachelor of Physics Graduation Date: October 2020*

* CGPA: 3.69
* Dean’s Award (Semester 2, 2016/2017 & 2017/2018)

# DATA SCIENCE CERTIFICATE

**360DigiTMG Kuala Lumpur**

*Data Science Training Program Date of Issue: 3rd July 2022*

**Centre of Applied Data Science****Kuala Lumpur**

*Data Star Program Date of Issue: 14th September 2022*

# PROFESSIONAL EXPERIENCE

**Etiqa Insurance & Takaful Bangsar, Kuala Lumpur**

*Protégé, Risk Transformation & Model Management Nov 2022 – Present*

* Enhance e-KYC solution with anti-tampering features and face verification with lower False Acceptance Rate by leveraging machine learning models and computer vision libraries.
* Support backend FRAS (Fraud Risk Analytics System) in database validation using SQL and Python

**KWSP Jln Raja Laut, Kuala Lumpur**

*Executive (Protégé), Digital Experience Nov 2021 – June 2022*

* Reporting to head of Digital Experience section.
* Responsible of preparing report on i-Akaun statistics, e.g. monthly take-up rate for references of the top management.
* Participate in i-Akaun app new feature UAT session and document issues encountered during testing session.
* Liase with Marketing department to produce digital content such as copywriting, promotional videos and push notifications.

**SifuTutor Sdn.Bhd Setia Alam, Selangor**

*Tutor Aug 2020 – Present*

* Teach 15 IGCSE students in Additional Maths and Physics.

Recent student result:

1. 8 students obtained A in Physics
2. 6 students obtained A in Additional Maths

* Collaborate with 3 colleagues in creating Physics study guide for SPM students.

# DATA SCIENCE PROJECT

1. Retailer Credit Scoring System

* Developed a trade credit scoring system for retailers in pharma industry based on the

past transactions using **RFM analysis** and **K-Means Clustering**.

* Manufacturing company able to identify group of retailers eligible for trade credit.

1. Malaysian Dessert Classifier

* Built and deployed an image classifier to identify Malaysian desserts using **deep learning.**
* Foreigners unfamiliar with Malaysian dessert can check for food allergen and calories.