

THIEN T. NGUYEN (HAILEY)

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PROJECT

Data Science Virtual Experience Programme

Nov 2022

- The 2-stage project including **web scraping to gain company insights** and **predicting customer buying behaviour**.
- BeautifulSoup was used to collect all reviews about experience at British Airways from the website SkyTrax. Applied **Natural Language Processing and N-grams Analysis** to figure out customers' sentiment towards British Airline.
- Built a predictive model of customer buying behaviour which has 86% of weighted average of precision and 72% of weighted average of recall.

<https://github.com/haileylearn0606/British-Airways-Virtual-Internship>

KPMG AU Data Analytics Virtual Internship

Oct 2021

- **Calculated the RFM** based on **customers' historical data and behaviours**. **Categorized and labelled** the customers.
- **Applied Market Basket Analysis** to uncover purchase patterns of each group of customers

<https://github.com/haileylearn0606/KPMG-Data-Analytics-Virtual-Internship>

Tata Data Visualisation Virtual Internship

Oct 2021

- Analyzed and provided valuable insights.
- **Displayed the results** of the model **using PowerBI**

IBM Hackathon 2022

Sep 2022

- Cyber Security and Safety Solutions. Created a demo of a web summarizer.

BuildwithAI – Covid19 solutions hackathon

Aug 2020

- Our team was given two days to **visualize the covid-19 cases** across Australia and **give insights from the report**. I took part in as a designer who worked in **visualizing data**.

https://powerrangers9669.wixsite.com/website?fbclid=IwAR2rRTHgg_bSJAdN0s7AjHJvumyxn25N1U1rocz-MwZs5QhKEb20CGrLnyY

TECHNOLOGY SKILLS

- Programming languages: **Python, R, C++**
- Database: **MySQL, MongoDB**
- Machine Learning: **sklearn, nltk**
- Visualization tools: **PowerBI, Tableau, IBM SPSS**

EDUCATION

S P Jain School of Global Management

Sydney, Australia

Feb 2020 – May 2022

- Bachelor of Data Science: 85% Scholarship
- Coursework: Calculus, Linear Algebra, Discrete Maths, Data Science, Databases, Statistics, Machine Learning, Deep Learning, Data Mining, Social Web Analytics, Sensors-Temporal-Spatial Data Analytics, Data Warehousing and Integration, Data Structure and Algorithm, Simulation Modelling, Data Analytics, Visual Analytics, NoSQL.

National Economics University

Hanoi, Vietnam

Oct 2019 – Jan 2020

HNUE High School for Gifted Students

Hanoi, Vietnam

Sep 2016 – Jun 2019

- High School Diploma, **specialized in Informatic**

