

# SUM YU NG

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📁 <https://sumyu199.github.io/sumyuprofile/index.html>

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🐙 <https://github.com/sumyu199>

## Experience

Junior Data Analyst at Deloitte UK

August 2021 – Present

- Formatting Data with VBA and Macro on Excel  
Self-taught using VBA & Macro to transfer Journal Entry template into a data frame which increases the working efficiency
- Formatting Data with EmEditor
- Cleaning and Analysing Data with SSMS
- Answering Helpline call from auditors
- Investigating reconciliation(Accounting) result

## Skills

Tools & Technologies

- Analysing Data with Python
- Analysing Data and Mapping Data with SQL
- Microsoft Excel – VBA
- RStudio
- HTML & CSS
- Tableau & Power BI

Languages

- Cantonese
- Mandarin
- English

## Projects

Displayed on my personal website

### 1. Technical Analysis (Python)

This shareable application is using Yahoo Finance as data resource and **streamlit** as the framework to technically analyse the stock.

- In order to collect interested data only, data reader function has been built by using **pandas**. The data reader would take the input parameters from users and extract data from Yahoo Finance.
- Once the data is extracted, the close price of the ticker would be analysed by **Bollinger Bands With RSI, Moving Average Convergence Divergence and On-balance Volume**. To build these indicator, **Window functions** are frequently used. All the results will be plotted by **plotly**.
- Finally, the next-day close price would be predicted by different Regression.

### 2. Data Scrapping (Python, VBA, Power BI)

Data from a property website has been analysed.

- Data is scrapped by using **beautiful soup** and saved as an excel file
- Formatting the data by using VBA – unwanted units are moved and data types are amended
- Cleaning and Visualising data on Jupyter
- Finally, a dashboard is built on Power BI

## Education

University of Nottingham (UK)

2017 - 2021

Bachelor of Financial Mathematics(Hons) in the Second Class, Division One

Time Series Analysis(71)

Learning how to utilise RStudio to analyse the time series dataset and discussing the theory of Timeseries.

Coursework Grade : (RStudio):85%

International Finance (73)

Exploring the foreign exchange market and discuss management of Exposure of foreign exchange

Risk, Information & Insurance (70)

Discussing behavioural approach and traditional approach to risk so as to evaluate the role of insurance

Tsuen Wan Public Ho Chuen Yiu Memorial College (HK)

2011 – 2017

Hong Kong Diploma of Secondary Education

Maths 5| Chinese 4 | Liberal Studies 4

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## Certificate

Microsoft Certified: Data Analyst Associate

A certificate that indicating candidate is able to use Microsoft Power BI to design and build scalable data models, cleaning and transforming data.

Microsoft Certified: Azure Fundamentals

A certificate that indicating candidate is equipped with basic knowledge and concepts of cloud-based solutions and services of Azure.

Microsoft Certified: Azure Data Fundamentals

A certificate that indicating candidate is equipped with basic knowledge and concepts of data aspect of Azure

LinkedIn Excel 2016 Essential Training with NASBA

Pass the exam with at least 70%

