**Vuong Duc Thang**

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**Profile**

I am a motivated and analytical professional with a Master’s in Financial Data Analytics, seeking a graduate role in Data Analytics. My experience at KPMG and EY has equipped me with strong financial management and data analysis skills, utilising tools such as MATLAB, SQL, and Python. As a part-qualified ACCA and FRM candidate, I am committed to leveraging my expertise to deliver data-driven insights that enhance business value and promote sustainable growth. I am passionate about leveraging advanced analytics to solve complex financial challenges and drive organisational success. Eager to learn and improve, I thrive in team environments, fostering collaboration and contributing to shared common goals of the company.

**Education**

**University of Sussex (Brighton, United Kingdom)**  *Sep 2023 – Sep 2024*

*Master of Science (MSc) in Financial Data Analytics*

**Achievement:** Vietnamese scholarship (5000 pounds)

**Relevant Modules**: Computing for Data Analytics and Finance, Machine Learning, Data Science Research, and Data Analysis Techniques.

**National Economics University (Ha Noi, Viet Nam)**  *Sep 2018 – Dec 2021*

*Bachelor of Science (BSc) in Finance and Banking*

**Achievement**: Students with excellent academic achievement in 1st semester 2021-2022 and graduated one semester early.

**Relevant Modules**: International Finance, Stock Market, Securities Analysis and Investment, Accounting for Banking, Financial Analytics.

**Professional Experience**

**KPMG International Limited (Ha Noi, Viet Nam)**  *Sep 2022 – Sep 2023*

*Consultant Financial Taxation*

- Conducted comprehensive analysis of financial data, including a detailed examination of bank cash flows, administrative expenses, and profit and loss statements and ensured data accuracy, consistency, and compliance with **IFRS standards** (International Financial Reporting Standards**)** by identifying discrepancies, verifying financial reports, and collaborating effectively with other auditors on the team.

- Collaborated with clients to validate data integrity, analyse monthly revenue and expense transactions, and manage accrual journals, ensuring accurate financial reporting. This collaboration improved financial transparency and supported compliance with accounting and reporting standards.

*Associate Financial Taxation Sep 2021 – Sep 2022*

- Analyzed customer financial data on third-party websites to compare tax transparency and select companies with similar financial situations for comparison and performed a working paper and discussed with seniors in the team to perform a certain task.

- Creating and maintaining dashboards using **PowerBI** and **SQL** to monitor business performance and presentation of the financial ratios through figures in annual financial statements such as revenue, profit or loss, analyse customer products and classify them into specific sectors so that the industry can perform tax calculations.

- Worked in a creative team and collaborated with external providers to build machine learning models for comparing file prediction and customer segmentation using **CUP** (Comparable uncontrolled price), **Resale price** and **Cost plus** methodology to find the best range line for transfer pricing rate.

**Techcombank Limited Company (Ha Noi, Viet Nam)** *Apr 2021 – Aug 2021*

*Accountant for Financial Planning*

*-* Utilized **Python** to analyse extensive customer data, uncovering key trends and insights. This analysis supported the development of strategies to improve customer engagement and retention, enabling the creation of more targeted marketing initiatives and personalised customer experiences.

- Used **SQL** to query financial transactions for internal accounting purposes and leveraged **Excel** to generate pivot tables for calculating monthly and quarterly depreciation, streamlining the accounting process and ensuring accurate financial reporting.

- Developed visual reports and interactive dashboards using **Tableau** to present complex data in a clear, digestible format for stakeholders.

- This enabled more informed decision-making by providing real-time insights into key performance metrics, ultimately enhancing the organisation’s strategic planning.

**Ernst & Young International Limited (Ha Noi, Viet Nam)** *Dec 2020 - Mar 2021*

*External Auditor Intern*

*-* Conducted a thorough, risk-based assessment of the company's financial records, processes, and internal controls, identifying potential risks and inefficiencies to ensure compliance with regulatory standards and improve financial transparency.

- Utilized data analytics tools like **Excel** and **SQL** to analyse large datasets, identifying patterns and anomalies in financial transactions, which enhanced the accuracy and efficiency of the audit process.

- Participated in client inventory counts, verifying physical stock and understanding client products to ensure the accuracy of inventory records. This hands-on experience provided deeper insights into the client’s business operations, allowing for more precise inventory management and product valuation audit recommendations.

**Certificates and Projects**

- Programming languages: Python, Power BI, Tableau, MySQL, Matlab, Excel, PowerPoint, Jupyeter Notebook

- Certificate: Part-Qualified ACCA (Association of Chartered Certified Accountants**)**, FRM (Financial Risk Management) - In the Progress, IC3

- [Machine Learning (Python)](https://github.com/Danny2501-python/Machine-Learning-Perceptron-model/blob/main/Draft.ipynb): Built a binary classification model in Jupyter Notebook using Scikit-learn, NumPy, pandas, and seaborn to analyse and predict food and agriculture export trends over the next three years. Using the perceptron model, the **project achieved 82% accuracy** and a solid F1 score, providing valuable insights for forecasting and supporting data-driven decisions in the agricultural sector.

- [Data Science Research Method](https://github.com/Danny2501-python/Physical-Activity-Monitoring-Reasearch/blob/main/Report%202.ipynb) (MySQL and Python): Using MySQL to produce **DDL** (Data Definition Language) and **SQL statements** (create and manipulate a database) for Physical Activity Monitoring and Python to embed those commands and use mathematical models to build hypotheses and solve problems. This approach enabled problem-solving through statistical analysis and machine learning, providing insights for predicting patterns and recommending personalised health interventions based on user data.