

The Hai Bui

CONTACT

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EDUCATION

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION - FINANCE

FOREIGN TRADE UNIVERSITY
(FTU) - VIETNAM
NIELS BROCK COPENHAGEN
BUSINESS COLLEGE (DENMARK)
2015-2018 | GPA: 78.7/100

MASTER OF DATA SCIENCE AND INNOVATION

UNIVERSITY OF TECHNOLOGY
SYDNEY
2023 - Present | Sydney, Australia

GITHUB

github.com/buithehai1994

EXPERIENCE

KPMG LIMITED | AUDIT STAFF

Dec 2018 – Mar 2019 | Hanoi, Vietnam

- Worked as an Audit Intern in the Audit Department of KPMG Limited.
- Participated in financial audits for various clients, assisting in the examination of financial statements to ensure compliance with regulatory standards and internal policies.
- Collaborated with team members to document audit findings and recommendations, contributing to the preparation of comprehensive audit reports for presentation to clients and stakeholders.

Sep 2019 – Sep 2020 | Hanoi, Vietnam

- Worked as an Audit Assistant in the Audit Department of KPMG Limited.
- Assumed greater responsibilities as an Audit Assistant, performing audit procedures for key clients across multiple industries, including manufacturing and banking
- Managed audit fieldwork, coordinating with client personnel to obtain necessary documentation and information, ensuring timely completion of audit procedures within budget constraints.
- Mentored junior staff members, providing guidance on audit methodologies, technical issues, and professional development opportunities.

EAST ASIA UNIVERSITY OF TECHNOLOGY | FINANCIAL PLANNING STAFF

Sep 2020 – Mar 2022 | Hanoi, Vietnam

- Played a key role as a Financial Planner within the university's Accounting Department, contributing to the strategic financial management and planning efforts.
- Proactively monitored daily cash flow and liquidity positions, analyzing trends and fluctuations to identify potential risks and opportunities, and ensuring sufficient funds for operational needs.
- Utilized Power BI to create visual reports and dashboards, providing stakeholders with actionable insights into financial performance, expenditure patterns, and budget utilization, facilitating data-driven decision-making.
- Collaborated closely with the Accounting Manager to perform various analysis tasks, including data preparation and calculation of key performance indicators, to support management decision-making and reporting requirements.

SKILLS

PROGRAMMING AND SOFTWARE

Microsoft Office (Excel, Word, Powerpoint)

SQL

Python

Power BI

PERSONAL PROJECTS

REGRESSION MODELS ON CANCER US COUNTY

<https://github.com/buithehai1994/Regression-Model-on-Cancer-US-County->

- **Overview:** Explored univariate and multivariate linear regression approaches to analyze the impact of different features on cancer mortality.
- Conducted feature engineering experiments independently to improve the model's predictive performance.
- Produced detailed experiment reports and a final project report following the CRISP-DM (Cross-Industry Standard Process for Data Mining) method.
- Created a Streamlit web app to present the project, allowing users to interactively present the regression models and insights.
<https://cancer-us-county.streamlit.app/>
- **Key findings include:**
 - Socio-economic factors associated with larger households may contribute to poorer cancer outcomes.
 - Higher education levels are associated with lower cancer death rates.
 - Younger populations potentially have lower cancer mortality rates.
 - Access to healthcare resources, including educational institutions and research facilities, can positively impact cancer outcomes.
 - Areas with higher birth rates tend to have slightly lower cancer death rates.

CLASSIFICATION MODELS FOR A MARKETING CAMPAIGNS

<https://github.com/buithehai1994/marketing-campaign-streamlit>

- **Overview:** Performed Explanatory data analysis (EDA) and Developed binary classification models for predicting whether the client subscribed to a new plan, which was the objective of the campaign.
- Created a Streamlit web app to present the project, allowing users to interactively present the classification models and insights.
<https://marketing-campaign-app.streamlit.app/>
- **Key findings include:**
 - Economic indicators like CPI, CCI, and EURIBOR3M impact consumer behaviour, affecting spending and investment decisions.
 - Education trends can be affected by changes in job demand, as individuals adapt their educational pursuits to align with potential job prospects.
 - Shifts in job categories and education levels can contribute to long-term economic growth or contraction, impacting the overall health of the economy.
 - All the above economic factors can affect the behaviors of consumers in both the short-term and long-term.

ANALYSING COMPANY PERFORMANCE WITH SQL

github.com/buithehai1994/Analysing-Company-Performance-with-SQL

- **Description:** Analyzed the performance of Northwind Traders using SQL queries on the Northwind database. Explored various business questions and provided insights into company operations and profitability.
- **Tools Used:** PostgreSQL, pgAdmin