Mai TIEU Khoi

1998 | tieukhoimai@gmail.com | https://tieukhoimai.me | /in/tieukhoimai | https://github.com/tieukhoimai

Experience

Apr 2022 - Sep 2023, Vietnam

Analytics Project Manager & Data Analyst ╱ Fossil Group Inc ⬀

- Promoted and held a dual role as Analytics Project Manager and Data Analyst in the 2nd year
- Led and coordinated cross-functional teams to establish an A/B testing workflow, framework, wireframes, and testing mechanisms on IoT device and application platforms.
- Planned sprint resources (2 Data Analysts), timelines, and schedules for the analytics section in each internal program release.
- Implemented metrics frameworks and dynamic dashboard to track KPIs and gain valuable insights into user behavior, device performance monitoring, user segmentation, and wellness data from wearable devices using Tableau and Looker Studio.
- Managed data pipelines, ETL processes, and ensured data accuracy on Redshift and BigQuery.
- Designed and Developed an internal Tracking Event Management system, including Data Quality Monitoring and Self-service Analytics, which automates the generation of daily SQL queries on BigQuery and implements result alerts for quality assurance using Google Apps Script and BigQuery.
- Managed and published quarterly newsletters on internal Fossil Insights - a self-hosted website using NextJS and Ghost by Data Team and co-organized Fossil-re Invent sharing session ⬀ series to raise data-driven awareness throughout the organization.

Aug 2021 – Feb 2022, Vietnam

Data Analyst ╱ *Amanotes* ⬀

- Integrated ETL data pipeline (including working with APIs, setting up data pipeline on BigQuery,..) and ensured data integrity by implementing automated data tests by dbt and Airflow.
- Developed dashboards in Looker Studio and Metabase.
- Analyzed user behaviors, app events, aha-moment identification and song performances in the music game with the application of user segmentation, correlation and cohort analysis techniques.
- Designed & analyzed hypothesis tests (A/B) using statistical methods for product experiments and carried out ad-hoc requests from business.

Mar 2020 – Aug 2021, Vietnam

Software Engineer, Data ╱ *Bosch Global Software Technologies* ⬀

- Worked closely with Bosch Automotive Products Suzhou in automated driving domains.
- Analyzed data in the software development process and automotive radar data.
- Configured and maintained a data analytics tool pipeline on Jenkins.
- Implemented an automated database, data pipeline, and dashboard on PowerBI.

Education

Aug 2024 – Dec 2024, Norway

Erasmus+ program ╱ *University of Oslo* ⬀

Oct 2023 – Present, Italy

Master of Science in Data Science ╱ *University of Verona* ⬀

Oct 2017 – Mar 2022, Vietnam

Bachelor of Science in Mathematics ╱ *University of Science - Vietnam National University* ⬀

- GPA: 8.02/10.0
- Thesis: Stock-Price Forecasting using STL method based on LSTM - Grade: 9.5/10

Oct 2016 – Dec 2020, Vietnam

Bachelor in Business Administration ╱ *Ho Chi Minh City Open University* ⬀

- GPA: 3.40/4.0
- Ranked 4th in overall scores

Referred Journal

- Vuong, P. H., Dat, T. T., **Mai, T. K.**, Uyen, P. H., Bao, P. T. (2022). Stock-Price Forecasting Based on XGBoost and LSTM. Computer Systems Science and Engineering, 40(1), 237–24 ⟳
- **Tieu, K. M.**, Pham, H. V., Vu, N. T., & Nguyen, P. T. H. (2022). STL Decomposition-Based Stock Price Forecasting Using LSTM Model. Journal of Data Science and Artificial Intelligence, 1(1).

Awards

May 2022

Mathematical Contest in Modeling (MCM) ⟳

- Organizer: The Consortium for Mathematics and Its Applications

2019 - 2021

Top Student at National level 2019-2020 and 2020-2021

- Organizer: Vietnam National Union of Students
- One of the top 200 Vietnamese students received commendations from the Ministry of Education and Training, the People's Committee of Ho Chi Minh City, and the Vietnam National Union of Students in the consecutive academic years 2019-2020 and 2020-2021.

Nov 2021

Second Runner-up in Greenovator Hackathon 2021 ⟳

- Organizer: Bosch Vietnam

Dec 2019

Third Prize in Business Intelligence Season 4, 2019 ⟳

- Organizer: Shopee Vietnam

Certifications

Dec 2022

Architecting on AWS ⁄ AWS Training & Certification

Aug 2021

Data Engineering, Big Data, and Machine Learning on Google Cloud Platform ⟳ ⁄ Coursera x Google Cloud

Aug 2021

Google Data Analytics Professional Certificate ⟳ ⁄ Coursera x Google

Skills

Programming: Python, Google Apps Script, VBA, NextJS

Data Visualization: Tableau, Microsoft Power BI, Redash, Metabase

Cloud and Databases: AWS (S3, Redshift, Athena), GCP (Firebase, BigQuery, Data Studio, GA4)

Language: English (B2), Vietnamese (Native)