

Koh Wyhow

Data Scientist and Web Developer

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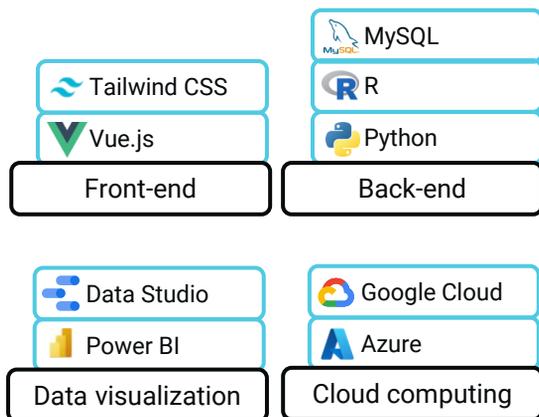
Check out my portfolio here☺

 <https://www.kohwyhow.com/>

 <https://github.com/atlas-github>

 <https://www.linkedin.com/in/kohwyhow/>

Technology Stack



Education

Bachelor of Science (Mathematics)

National University of Singapore

2009 – 2013

Sijil Tinggi Persekolahan Malaysia (STPM)

Sekolah Menengah Kebangsaan SS 17

2007 – 2008

Other Achievements

Associate Registered Financial Planner

Malaysian Financial Planning Council, Jan 2016 - Present

Securities Industry Development Corp.

Jan 2018 – Present

- Module 7 Financial Statement Analysis and Asset Valuation
- Module 10 Assets and Fund Management
- Module 14 Derivatives

Microsoft Office Specialist

- PowerPoint 2013, Excel 2013, Word 2013

Work Experience

Roche Services (Asia Pacific)

Senior IT Professional – Data Integration

Oct 2022 – Present

- Ran data virtualization activities like creating views, troubleshooting existing setups, coaching other developers to set up data virtualization projects
- Built automated web scrapers and text detection algorithms for the APAC PharmaVigilance and Patient Safety teams
- Coached Master Data Ops team in SQL and automated text detection using Python
- Used **Denodo** and GCP: **Cloud Functions, Cloud Run, Cloud Scheduler**

Khazanah Nasional Berhad

Assistant Vice President, Digital & Technology

Nov 2021 – Nov 2022

- Reviewed **Power BI** dashboards. As a result of coaching from the previous year, the two younger team members are now able to manage data visualization projects on their own
- Performed technical diligence work to assess feasibility of automating internal reports using **Azure Functions** and **Python**
- Built the front-end of a custom search engine and custom CRM using **Vue.js** and **Tailwind CSS**
- Conducted research using patents data to highlight possible alpha generation opportunities using Google Patents and Bloomberg data
- Used Azure: **SQL, Storage, Automation Runbook, Functions, Static Web Apps**

Data & Analytics SME, Nov 2020 – Oct 2021

- Built a **Power BI** dashboard for Airports team to monitor stock performance, passenger movements, and other regional airports using data from Bloomberg and MAHB operating statistics
- Built inflation forecasting model for Malaysia, to forecast rates 6 months ahead using **Python**, ARIMA, and Prophet
- Developed a state-wide hotspot map of Covid-19 cases from MySejahtera data using **Google My Maps**
- Coached two younger team members in common tech and methods used in data and analytics work

Star Media Group

Data Science Manager, Mar 2019 – Nov 2020

- Deployed chatbots on Facebook Messenger for **Majalah Kuntum** and **The Star Online** using **Dialogflow** to support customer service operations
- Deployed two image recognition systems for Kuali on Google Play and Apple App Store using a deep learning model, and **Google Vision's OCR** for recipe recommendation
- Built POCs for automated journalism, automated summarizer, automated headline generator, and Aesthetic/Image Quality Classifier
- Contributed to several data journalism articles
- Used GCP: **BigQuery, Storage, Cloud Functions, App Engine, Dialogflow, Cloud Run**