


# Koh Wyhow

Data Scientist and Web Developer

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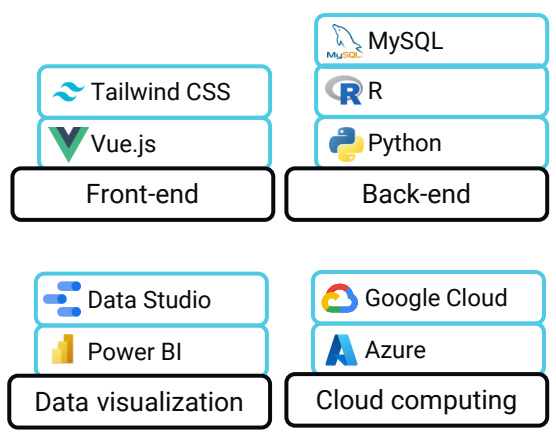
Check out my portfolio here☺

 <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

**Khazanah Nasional Berhad**  
Assistant Vice President, Digital & Technology  
Nov 2021 – Present

- 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
  - Conducted a **Python** workshop for managers from SMEs and MNCs
  - Deployed two image recognition systems for Kuala Lumpur on Google Play and Apple App Store using a deep learning model, and **Google Vision's OCR** for recipe recommendation
  - Ran A/B tests on thestar.com.my using **Google Optimize** to boost registration rates
  - 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**

- INVOKE Malaysia**  
Chief Analytics Officer, Jul 2018 – Feb 2019
- Led a team of 5 data scientists for database maintenance, analytics algorithms (for the job matching service, Adnexio), and sentiment analyses (for external clients)
  - Wrote **Python** scripts to automate prices for the employer's module of Adnexio
  - Generated analytics use cases for prospective FMCG and property development clients
  - Used Azure: **Machine Learning Studio, SQL**