

PATRICK TAN

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<https://pattowick.github.io/R-Data-Analysis-Project/>
Block 623 Bukit Batok Central, S650623

Skills

- SQL (PostgreSQL)
- NoSQL (MongoDB)
- Excel (Vlookup, VBA Programming, Pivot Tables, Conditional Formatting)
- Financial Modelling
- DCF, BL, MVO, BSOPM, BOPM model
- C Language
- Python (Pandas, Scikit-learn, Matplotlib, Seaborn)
- R (Dplyr, ggplot2, flexdashboard, mapbox, corrplot, kableExtra)

Projects

- KICKSTARTER SUCCESS METRICS ANALYSIS** – Personal Project April 2025
- Utilized **R** to analyze Kickstarter projects and gain insights into factors contributing to the success metrics.
 - Developed **Dashboard** to translate **technical insights** into **readable reports** for non-technical stakeholders
- FALL OF TOTO POPULARITY ANALYSIS** – Personal Project April 2025
- Analyzed Toto historical data to gain insights on how stakeholders can retain customers and generate revenue using **R**
 - Leveraged on Correlation plots (**Spearman/Pearson**) and **Multiple Linear Regression** to highlight impactful perimeters.

Education

- National University of Singapore** Aug 2020 – Jul 2024
Bachelor of Business Administration (BBA Hons)
- Double Specialization in Finance & Business Analytics
 - Student Life Award – Campus Vibrancy | Certificate of Proficiency – Korean Advanced Level
 - Member of NUS Dance Blast! (Collegiate Dance Club), Member of Lions Befrienders (Community Involvement Project)
- Nanyang Polytechnic** Apr 2015 - Mar 2018
Diploma in Aerospace Systems & Management
- Graduated with a Cumulative GPA of 3.82/4.0
 - Admitted to Director's list in: Sem 1 AY15/16, AY16/17, AY17/18, Sem 2 AY15/16 (With a GPA of 4.0/4.0)
 - Awarded Scholarship from RLC Group Singapore for Academic Excellence.
 - Sub-Committee member of NYP Student Union, Member of NYP Foreign Bodies Hip Hop Dance Club

Work Experience

- The Development Bank of Singapore Ltd (DBS)** Oct 2024 – Mar 2025
Wealth Planning Manager
- Managed a portfolio of clients with a combined AUM of more than \$2 million and maintaining long-term relationships.
 - Achieved Top 10 Unit Trust Sales (Feb 2024) by securing highest sales volume as a new entrant
 - Provide consulting services to clients through various finance management and investment strategies to achieve their financial goals while attending daily banking operations & duties at bank branches.
- Prudential Assurance Company Singapore (PTE) Limited** Oct 2022 – Feb 2024
Financial Consultant
- Ranked 12th among the Prudential Award – Rookie Financial Consultant of the year 2022.
 - Generated \$602,409.72 sales within 3 months in 2022 and was awarded as a MDRT member of Top of the Table.
 - Provide financial solutions to clients on a needs basis approach and periodically review client's portfolio to ensure alignment with their financial needs and goals
- Beacon Consulting Pte Ltd** Nov 2022 – Dec 2022
Data Analyst (Contract)
- Identified workflow bottlenecks in handling over 100,000 data entries on Excel sheets - Developed R functions to automate the manipulation process, resulting in a 50% increase in efficiency and a 100% reduction in need for intern hiring costs.
 - Worked on an annual country-wide government project and handled with large dataset while ensuring data integrity.

Entrepreneurial Experience

- HWASU KIM x LIZ KIM SINGAPORE 2024** Jan 2024 – May 2024
Founder, Event Host
- Self-led and funded a project by hosting two renowned South Korean Dance artist with large social presence into Singapore to conduct a series of workshops, masterclass and intensive classes. Fully sold out after 1st week of social media marketing.
 - Oversaw all aspects of finance, partnerships and collaboration with stakeholders. Also, used Excel to simulate forecast and cost breakdowns so that concrete marketing target can be set to strive for.
 - Provided professional interpretation services for the guests during the whole course of the event (Eng/Kor)