Anabel Geraldine

Student at University of Sydney (2025)

Address: 2 Chippendale Way, Chippendale NSW 2008 | Phone Number: +61 422 290 798 |
Email: anabelgeraldine24@gmail.com

PROFILE

Motivated Data Science and Financial Mathematics & Statistics student with strong skills in analytical reasoning, machine learning, and statistical analysis. Seeking to leverage mathematical and computational expertise in financial technology to drive innovation and business success.

EDUCATION

University of Sydney | Bachelor or Science | *Data Science and Financial Mathematics & Statistics*   **July 2025**

- *Data Science*: Foundation of Data Science, Data and Computation, Multivariable Calculus and Algebra, Discrete Math, Data Science, Big Data, and Data Variety, Data Structure and Algorithms, Data Analytics: Learning from Data, Artificial Intelligence, Predictive Analytics
- *Financial Mathematics and Statistics:* Probability and Estimation Theory, Optimisation and Financial Mathematics, Financial Derivatives, Stochastic Process, Financial Derivatives, Introduction to Econometrics
- *Electives:* Coding Literacy (Game making), Marketing Principles, Marketing Research, Marketing Insights

Cita Hati Senior High School | International Baccalaureate Diploma Programme   June 2019 - June 2022

- *High Level:* Mathematics Analysis & Approaches, Physics, English |*Standard Level:* Business Management, Music

CERTIFICATES

IBM Data Science Professional Certificate (2024) | **International Mathematical Contest**, University of Waterloo, Euclid Contest (2021), Hypatia Contest (2021), Fermat Contest (2021), Canadian Senior Mathematics Contest (2020) | **Glorious Creative Innovation Project**, Cita Hati School (2020)

PART-TIME EXPERIENCE

Sales Assistant | Tiger Trade |Sydney, Australia   **April 2024**

- **Sales and Marketing** | *Achievement* = Boosted company exposure.

Salesperson | Ho Jiak| Sydney, Australia   **July 2024**

- **Customer Service** & **Marketing** | *Achievement* = Reach KPI and sales target.

Intern as Public Relation Management | PT. Munasido Mandiri Sejahtera | Medan, Indonesia   **November 2022**

- **Customer Service**, **Marketing & Administration** | *Achievement* = Boosted company exposure.

VOLUNTEER

Socio-Cultural Team PPIA - Indonesian Student Association in Australia, University of Sydney, NSW (Feb 2024 - Jan 2025) | **President -** StrayNeedsU, Surabaya, Indonesia (2021 - 2023) | **Event Organizer -** Save Street Children (2021)

SKILLS

- **Statistical and Mathematical Analysis:** Proficient in statistical tests, distributions, and stochastic processes, with a solid foundation in calculus, multivariable calculus, and linear algebra. Experienced in discrete mathematics, optimization and financial mathematics.
- **Programming and Computational Skills:** Skilled in R-studio, Python, SQL, and SPSS. Experienced in statistical tests, data visualization, image processing, and spatial data analysis. Capable of efficient data extraction, manipulation using SQL. Familiarity with version control systems like Git for code management.
- **Machine Learning and Artificial Intelligence:** Proficient in both supervised and unsupervised learning algorithms including regression, NB, KNN, etc. Well-versed in machine learning frameworks such as scikit-learn, SciPy, and NumPy. Expertise in developing, tuning, and validating predictive models.
- **Data Visualization:** Adept in using tools like Matplotlib, Seaborn, ggplot, and Tableau for creating compelling data visualizations. Experienced in data storytelling to effectively communicate insights to varied audiences.