

Ananth Vandothra

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PROFESSIONAL SUMMARY

Data Science graduate with a strong foundation in analytics, statistics, SQL, Python, and machine learning. Experienced in building predictive models, performing exploratory data analysis, creating dashboards, and translating data into actionable insights. Combines an Economics background with technical expertise to solve business problems through data-driven decision making. Seeking entry-level Data Analyst, Business Analyst, or Research Analyst opportunities.

EDUCATION

Deakin University, 2024-2025 Master of Data Science. Weighted Average Mark (WAM): **75**

Monash University, 2023-2024 Master of Data Science.

American University of Sharjah, 2017-2021 | Bachelor of Science in Business Administration, Major in Economics • *CGPA: 3.65/4.0*

• Courses: Managerial Economics, Economic Forecasting, Development Economics, Industrial Economics Econometrics, Intermediate Microeconomics, and Intermediate Macroeconomics.

Trinity College, University of Melbourne, 2014 – 2015 | Foundation course

AWARDS & HONORS

- Graduated cum laude
- **Dean's List** - awarded at the end of the semester for a GPA over 3.5.
- Received in Spring 2017, Spring 2018, Fall 2018, Spring 2019
- **Chancellor's List** - awarded at the end of the year for a GPA over 3.5 consecutively in the fall and spring semesters -

Spring 2020

- Written work published in **Asrar** - A Publication of the English Department at AUS.

PROJECTS

Heart Attack Prediction for Elderly Wearable Tech

Deakin University 2025

- Developed a heart attack prediction model using real-world healthcare data, aimed at elderly-focused wearable devices.
- Performed data preprocessing, cleaning, and EDA to understand feature impact and class balance.
- Built and compared Random Forest and Logistic Regression models before transitioning to a custom PyTorch deep learning solution.
- Used TensorBoard for performance tracking and hyperparameter tuning to improve F1-score.
- Tested feature reduction strategies based on model insights to optimize generalization.

Cricket Batting Performance Analysis

Deakin University 2024

- Designed a synthetic batting dataset incorporating contextual cricket knowledge for predictive modeling.
- Built machine learning models using Python and R to analyze batting trends and classify player performance levels.
- Created visual dashboards using Power BI to communicate key insights.
- Collaborated with peers to refine dataset assumptions, incorporated feedback, and presented findings clearly and professionally.

Library Management System

Deakin University, 2024

- Developed a comprehensive library management system using C#.
- Implemented features such as book borrowing, returns, and inventory management.
- Utilized a relational database to store and manage data efficiently.

Book Retailer Website

Deakin University, 2024

- Built a full website for a fictional book retailer using HTML, Bootstrap, CSS, and EJS templates.
- Developed features such as navigation bars, search capabilities, and submitting user reviews, ensuring responsive design and optimized user experience.
- Ensured the visual and design elements were appealing and thematically consistent, creating a cohesive and engaging user experience.

EXPERIENCE

Volunteer – The Holland Foundation

Melbourne, Australia | 2025 – Present

- **Operations & Administration:** Managed emails, schedules, and donation records; maintained accurate documentation and assisted with daily office tasks.
- **Finance & Retail Support:** Supported payroll processing, banking duties, cashiering, and handling transactions on the shop floor.
- **Customer & Volunteer Coordination:** Assisted customers in-store, made calls to volunteers, and helped coordinate day-to-day activities.
- **Leadership Exposure:** Shadowed the team leader to learn workflow coordination, team support, and operational decision-making.

Content Writer 10/2021 - 12/2022 Startup Voyager, London, United Kingdom

- Wrote 10+ articles that were published by Startup Voyager, each according to the client's needs.
- Researched a wide range of topics under time constraints to write engaging and informative articles.

- Collaborated with team members to ensure a consistently high level of quality for every article.
- Search engine optimization for all articles.

Internship 02/2021 - 07/2021

Pharmaceuticals and Chemicals Travancore, Trivandrum, India

- Collated data for monthly quality control reports and stock evaluation.
- Researched for prospective sources for pharmaceutical raw materials.
- Negotiated with suppliers to procure raw materials.
- Attended top management meetings to transcribe the minutes of meetings.

Internship - Accounts and Finance Department 12/2018 - 01/2019 Eternity Petroleum Construction LLC, Dubai, UAE

- Balanced the Petty Cash Book daily.
- Assisted in payroll management - Processing annual leave, sick leave, and adjustments.

Internship - Procurement Department 12/2017 - 01/2018, Eternity Petroleum Construction LLC, Dubai, UAE

- Data entry on Tally ERP software.
- Conducted research on potential suppliers and made inquiries as per the site requirements. • Prepared and sent out Request for Quotations (RFQs) to vendors.

SKILLS

- **Programming Languages:** Python, C#, R, SQL
- **Web Technologies:** HTML, CSS, JavaScript, Bootstrap
- **Data Analytics & Machine Learning:** Pandas, NumPy, Scikit-Learn, PyTorch, Statistical Analysis, Data Cleaning & Preprocessing, Exploratory Data Analysis (EDA)
- Adept problem-solver
- Professional and articulate writer
- Expert researcher
- High emotional intelligence
- Strong written and verbal communication
- Developmental and Business Economics
- Creative Thinker
- Proficient in Microsoft Office

Languages

English – Native proficiency, Malayalam – Professional working proficiency

