

Eashwar Subramanian

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EDUCATION

Royal Melbourne Institute of Technology

Melbourne, Australia

M.S. in Data Science

Expected Graduation, December 2025

- o **GPA:** 3.3/4.0
- o **Related Coursework:** Machine Learning, Big Data Analytics, Data Visualization, Cloud Computing, Advanced Programming for Data Science, Data Mining, Data Wrangling, Applied Analytics,

Rajagiri School of Engineering and Technology

Kerala, India

B.S. in Electronics and Communication

Graduated, August 2023

- o **GPA:** 8.8/10.0, First Class with Distinction
- o **Related Coursework:** Machine Learning, Probability and Random Processes, Numerical Methods, Scientific Computing, Computer Vision, Programming in C

EXPERIENCE

PrepInsta Pvt Ltd

India (Remote)

Data Analyst Intern

Dec 2023 – Feb 2024

- Designed 5+ Tableau and Excel dashboards, increasing content engagement by 10% with actionable insights.
- Optimized SQL queries, reducing data retrieval time by 25% for marketing reports.
- Automated workflows using Python (Beautiful Soup), cutting reporting time by 30%.

PROJECTS

Australian Retail Customer Segmentation ([GitHub](#))

Melbourne, Australia

Personal Project

June 2025 - Present

- Cleaned 5,000-row retail dataset using Python (Pandas, NumPy), correcting 72.5% invalid order IDs, enabling accurate RFM analysis.
- Segmented 788 customers into three clusters via K-Means and RFM with Scikit-learn, identifying a high-value segment driving 15% revenue.

Climate Analysis Dashboard ([GitHub](#))

Melbourne, Australia

Team Member

July 2024 – September 2024

- Built Flask-based web app using Python (Stats models, SARIMA) to forecast Australian climate metrics, achieving MAE of 1.2°C.
- Integrated Folium for interactive maps, supporting urban planning recommendations.

AtliQ Hardware Sales Analytics Dashboard ([GitHub](#))

Kerala, India

Personal Project

Feb 2024 – March 2024

- Developed Power BI dashboard for 4 years of sales data, projecting 7% revenue uplift for underperforming regions.
- Performed ETL on MySQL, joining customer and product datasets for analysis.

ACTIVITIES AND LEADERSHIP

Data Science Melbourne Meetup

Melbourne, Australia

Member

June 2024 – Present

- Engage with 50+ professionals to explore data analytics trends and network.

SKILLS

Programming: Python (Pandas, NumPy, Scikit-learn, Statsmodels), SQL, R (dplyr, ggplot2), Java

Databases: MySQL, SQL Server, DynamoDB

Visualization: Power BI, Tableau, Folium

Cloud: AWS (EC2, S3, Lambda)

Tools: Git, Flask, Jupyter Notebook, RStudio

Techniques: RFM Analysis, K-Means Clustering, Time-Series Forecasting, ETL, Data Wrangling