# Eashwar Subramanian

International Student (Subclass 500) | eashwars2001@gmail.com | +61 450 332 782 | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

**Royal Melbourne Institute of Technology**                                               **Melbourne, Australia**
*M.S. in Data Science*                                                  *Expected Graduation, December 2025*
- o **GPA:** 3.4/4.0
- o **Related Coursework:** Machine Learning, Big Data Analytics, Data Visualization, Cloud Computing

**Rajagiri School of Engineering and Technology**                                                        **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*
- Developed 5+ Tableau and Excel dashboards, boosting client engagement by 10% with actionable insights.
- Optimized SQL queries, reducing data retrieval time by 25% for stakeholder reports.
- Automated workflows using Python (Beautiful Soup), cutting reporting time by 30%.

## PROJECTS

**Australian Retail Customer Segmentation (GitHub)**                                      **Melbourne, Australia**
*Personal Project*                                                                            *June 2025*
- 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*
- Developed Flask-based web app using Python (Stats models, SARIMA) to forecast Australian climate metrics, achieving MAE of 1.2řC.
- Integrated Folium for interactive maps, supporting urban planning recommendations.

**AtliQ Hardware Sales Analytics Dashboard (GitHub)**                                                     **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, enabling stakeholder-driven analytics.

## ACTIVITIES AND LEADERSHIP

**Data Science Melbourne Meetup**                                                        **Melbourne, Australia**
*Member*                                                                          *June 2024 – Present*
- Engaged in regular networking events and workshops with 50+ local data professionals, focused on analytics trends and tools (Power BI, Python).

## SKILLS

**Languages & Tools:** Python (Pandas, NumPy, Scikit-learn, Stats models), SQL, Java, R
**Visualization:** Power BI, Tableau, Folium
**Databases:** MySQL, SQL Server, DynamoDB
**Cloud Platforms:** AWS (EC2, S3, Lambda)
**Other Tools:** Git, Flask, Jupyter Notebook, RStudio
**Techniques:** RFM Analysis, K-Means Clustering, Time Series Forecasting, ETL, Public Sector Analytics