

# 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

### 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

### Preplnsta 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 1.2°C.
- 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