

ABHIRAMI M

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Professional Summary

Postgraduate student pursuing M.Sc. Statistics with Data Science, with technical proficiency in Statistics, Python, R, and advanced Excel. Proven track record in statistical modelling, hypothesis testing, and data visualization through academic projects and professional certifications. Adept at transforming complex datasets into actionable insights to support data-driven decision-making.

Technical Skills

- **Languages:** Python, R
- **Data Visualization:** Power BI, Excel Charts
- **Statistical Software:** Jamovi, MS Excel (Advanced)
- **Communication skills:** Public speaking, Presentation skills
- **Soft Skills:** Leadership, Time Management, Teamwork, Problem-Solving
- **Statistics:** Regression Analysis, Hypothesis Testing, Statistical Modelling

Professional Experience

Data Entry (Part-Time) | MYLQ| 2025 – Present

- Performed accurate data entry and maintained records efficiently
- Improved attention to detail and time management

Key Projects

Final Year Project: Development of a Student Satisfaction Measurement Scale — 2026

- Currently in the **Initial Phase (Stage 1)** of developing and validating a comprehensive student satisfaction scale for higher education institutions.

- Research focuses on analyzing satisfaction differences across educational levels, institution types, and socio-economic backgrounds.

Course Outcome Analysis | BCM College, Kottayam — 2025

- Analyzed performance metrics to evaluate the attainment of course objectives.
- Provided actionable insights for curriculum improvement and strategic academic planning.

Result Analysis | BCM College, Kottayam — 2025

- Conducted statistical evaluation to predict next-semester student marks based on previous academic performance.
- Utilized regression techniques to establish a 95% Confidence Interval for predictions, identifying key trends and academic bottlenecks.

Knot Theory | St. Teresa's College, Ernakulam

- Explored mathematical structures by studying the properties of closed curves in three-dimensional space.
- Investigated topological invariants and Reidemeister moves to strengthen analytical research and problem-solving skills

Certifications

- **Google Cloud Data Analytics Certificate** – Google (2025)
- **Microsoft Office Specialist: Excel Expert (Microsoft 365 Apps)** – Microsoft (2025)
- **Certificate Course on Power BI** – 2025

Education

- M.Sc. Statistics with Data Science | BCM College, Kottayam(Ongoing) | Mahatma Gandhi University, Kerala, India
- B.Sc. Mathematics | St. Teresa's College, Ernakulam | Mahatma Gandhi University, Kerala, India

References

Dr. Steph Thomas

BCM College, Kottayam

Assistant Professor, Department of Statistics (HOD)

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