

# AHISHMON AC

Data Analyst | Python Developer | Machine Learning Enthusiast

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## SUMMARY

Results-oriented Data Analyst and Master's student in Computer Applications with strong expertise in **Python, SQL, and Data Visualization**. Proven ability to build end-to-end analytical solutions, from data cleaning and preprocessing to predictive modeling and dashboard creation. Passionate about leveraging data to drive business decisions, as demonstrated through hands-on projects and virtual internships with top firms like **Quantum and Deloitte**.

## TECHNICAL SKILLS

- **Programming Languages:** Python, R, SQL
- **Data Analysis:** Pandas, NumPy, Excel (Advanced), Spreadsheets
- **Machine Learning:** Scikit-Learn (Linear Regression, Random Forest, Gradient Boosting), Predictive Modeling
- **Visualization:** Tableau, Matplotlib, Seaborn, Power BI
- **Tools:** Git/GitHub, Jupyter Notebook, VS Code, ReportLab
- **Soft Skills:** Strategic Thinking, Problem Solving, Communication

## EDUCATION

### **Master of Computer Applications (MCA)**

CMS College of Science and Commerce, Coimbatore | Expected: April 2026

### **Bachelor of Science in Computer Science**

CMS College of Science and Commerce, Coimbatore | Graduated: April 2024

GPA: 74.04% | Coursework: Python, Data Structures, Cloud Computing, Web Dev

## KEY PROJECTS

### **Supermarket Sales Analysis System (Desktop Application)**

Python, Tkinter, Machine Learning (Scikit-Learn), Pandas

- Developed a full-stack desktop application to analyze supermarket sales data with a modern Dark Mode UI.
- Engineered preprocessing pipelines handling missing values and Label Encoding to optimize data for ML.
- Built predictive models (Random Forest, Gradient Boosting) for Total Sales and Ratings with high accuracy.
- Implemented EDA tools generating dynamic correlation heatmaps and distribution charts.
- Designed automated reporting using ReportLab to generate PDF summaries for stakeholders.

## CERTIFICATIONS

- **Google Professional Data Analytics Certificate** (Feb 2025)
- **Validate Data in Google Sheets** (Jan 2025)
- **Google AI Essentials** (Dec 2024)