RANJAN M

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Profile Summary

A dual-degree graduate in Computer Science and Data Science, eager to start a career in Data Analysis or Software Development. Strong skills in SQL, data analytics, and visualization developed through internships and projects. A quick learner with a deep passion for data, seeking an entry-level position to apply academic background and contribute to the field.

Skills

Programming: Python, SQL, C, C++, Java, C#
Tools & Technologies: Microsoft Excel, Power BI, Tableau, .NET Framework, Microsoft SQL Server
Data Skills: Data Cleaning, Data Analysis, ETL, Dashboarding, Reporting, Automation (Excel VBA)
Libraries (Python): NumPy, Pandas, Matplotlib

Experience

DATA ANALYST INTERN, Trainity (Remote)   May 2024 – Jun 2024
- Conducted a detailed analysis using SQL to provide business insights for marketing and product teams.
- Implemented a new reporting using Excel Pivot and VBA which help reduced processing time by 50%.
- Analyzed bank loan data to determine factors influencing loan approval and defaults.

Projects

Automated Tomato Quality Classification Using Vision Transformers (ViT)
- Developed an ML-based deep learning model to classify tomatoes into categories: ripe, unripe, old, and damaged.
- Improved agricultural sorting efficiency by replacing manual inspection with an automated classification pipeline.
- Enhanced sorting accuracy and efficiency by converting manual grading into automated machine learning predictions.

Impact of Car Features on Price and Profitability
- Analyzed how various car features influence pricing and profitability, using statistical methods to identify key drivers.
- Provided actionable insights to optimize feature offerings and pricing strategies for increased profitability.

Education

PSNACET, Master of Computer Applications	(CGPA – 8.27)	Sept 2023 – May 2025
The American College, B.Sc. Computer Science	(CGPA – 8.1)	July 2020 – May 2023
The American College, B.Voc. Data Science	(CGPA – 8.5)	Nov 2020 – May 2023

Achievements

- **National-Level Quiz Winner** – Mepco Schlenk Engineering College (Feb 2023)

- **State-Level Quiz Champion** – Bishop Heber College (Jan 2023)

- **State-Level Quiz Winner** – TechVistara 2022, Lady Doak College (Oct 2022)

Languages

English - (Professional proficiency)

Tamil   - (Native proficiency)