ROSHNI B

CONTACT

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SUMMARY

A detail-oriented Data Science student with a strong academic record and hands-on project experience in data cleaning, ETL processes, and building client-ready dashboards using Python, R, and Power BI. A diligent and responsible team player eager to leverage my expertise in data manipulation and visualization to support data operations and deliver high-quality insights for global clients in a professional environment.

EDUCATION

- **Bachelor of Science, Data Science** │ 2023 - Current
  Mount Carmel College, Bengaluru
  Aggregate: 86.20%
- Pre-University (PCMB) │ 2021 - 2023
  St. Joseph's Indian Composite PU College, Bengaluru
  Aggregate: 90% │ Distinction
- SSLC │ 2021
  Sree Venkateshwara Educational Institutions, Bengaluru
  Aggregate: 97.76% │ Distinction

TECHNICAL SKILLS

- **Programming & Databases:** Python (Pandas, NumPy, Matplotlib), PySpark (Familiar), R, SQL
- **Data Visualization & BI Tools:** Microsoft Excel (Advanced), Power BI, Tableau
- **Data Management & Concepts:** Data Cleaning & Transformation, ETL Processes, Statistical Analysis, Predictive Modeling
- **Tools & Platforms:** Jupyter Notebook, MS Office Suite, GitHub(Familiar)

PROJECTS

PACE Project: Analyzing Gender Influence on Academic Performance │ Excel, Data Visualization
- Performed data cleaning and exploratory data analysis (EDA) on a student exam performance dataset.
- Built regression models and visualizations to assess the correlation between gender and academic scores.

Regression Analysis: Impact of Attendance on Academic Performance │ R, Data Visualization
- Collected and analyzed real-world data on student attendance and Java exam scores.
- Developed a regression model to quantify the impact of attendance and created visual dashboards for insight presentation.

Smart Trash Detection using CNN, ResNet50 & YOLOv5 (Ongoing)
- Developing a deep learning model for automatic trash detection and classification.
- Implementing image preprocessing, augmentation, and model evaluation techniques to enhance accuracy.

CERTIFICATIONS & COURSES

- **Google Advanced Data Analytics Certificate –** In Progress (Capstone Ongoing)
- **DataPlus Overview –** TCS Certificate
- **Master Data Management –** TCS Certificate
- **Power BI -** DataFlair

ADDITIONAL INFORMATION

- **Interests:** Applied Data Analysis, Gardening, Fostering Cross-Cultural Connections and Continuous Learning of Emerging Tech Tools.
- **Languages:** Malayalam (Native), English (Fluent), Hindi (Fluent), Kannada (Fluent), Tamil (Conversational), Telugu (Basic).
- **Extracurricular:** Logistics Team Core Member (Anovation - Statistics & Analytics Association); School Vice-Captain, developing foundational leadership and team management abilities.