MAYURI M
Data Analyst

📞 +91-90430 76201   ✉ mayuri.msubramani@gmail.com   in linkedin-mayuri.m   🌐 mayuri-portfolio

Summary

Data Analyst with expertise in SQL, Python, Excel, Tableau, and Power BI. Skilled in cleaning, analyzing, and visualizing data to uncover insights and support decision-making. Strong academic background in data science with exposure to machine learning, data preprocessing, and statistical analysis. Passionate about solving real-world problems through data-driven approaches.

Skills

Programming & Querying: Python, Java , C, C++, MySQL ,MongoDB
Data Visualization Tools: MS Excel, Power BI, Tableau
Analytical Abilities: Data Cleaning & Transformation, Exploratory Data Analysis (EDA), Statistical Analysis

Experience

Cross-industry Trends in 3D Printing Internship   Aug 2025
InfiniteBlue (on-site)   *Tools Used: Excel, jupyter ,Power BI*
- Analyzed 3D-printing industry datasets to uncover adoption patterns, market trends, and technology insights.
- Assisted in developing predictive models to forecast future adoption trends.

Data Science and Analytics Internship   June 2025
Future Intern (Remote)   *Tools Used: Excel, Power BI*
- Analyzed trends, customer issues, and accident data using data cleaning, visualization, and analytical techniques.
- Delivered clear insights through dashboards, sentiment analysis, and pattern identification.

Projects

Brain Tumor Segmentation Using CNN */Python, Machine Learning ,TensorFlow / Keras*   **July 2025 – Nov 2025**
- Built an automated brain tumour detection system using MRI images and deep learning.
- Applied VGG16-based transfer learning for accurate binary tumour classification.
- Delivered a scalable model to support early diagnosis and reduce radiologist workload.

Bird Species Identification Using Deep Learning / *Python, Machine Learning*   **July 2024 – Nov 2025**
- Developed a deep learning–based bird species identification system using an Xception architecture.
- Achieved 97% validation accuracy across 400 bird species despite high visual variability.

Influence Consumer Behavior With Weather Targeting / *Java ,Weather and Google Fit API , HTML , CSS*   **April 2024**
- Built a weather-targeting React web app using Weather and Google Fit API for personalized lifestyle recommendations.
- Improved user decision-making with real-time, location-based insights and visual analytics.

Awards & Certifications

- **AI Skills Passport –** *EY & Microsoft* **(2025)**

- **2nd Runner-up (3ʳᵈ Place) – 39th National Science Day (2025):** Participated in DATASTAT Quest under the theme *"Empowering Indian Youth for Global Leadership in Science and Innovation for VIKSIT Bharat"*, showcasing data-driven problem-solving skills.

- **Python Libraries for Data Science –** *Simplilearn SkillUP* **(2025)**

- **Ethics in the Age of Generative AI –** *LinkedIn* **(2025)**

- **Introduction to Data Analysis using Excel –** *UpGrad* **(2025)**

- **Python and Django Full Stack Web Developer Bootcamp –** *Udemy* **(2023)**

Education

M.Sc. Data Science   **Expected Graduation: 2026**
Vellore Institute of Technology, Vellore   *CGPA: 7.94 / 10*

B.Sc. Computer Science   **Graduated: 2024**
Vellore Institute of Technology, Vellore   *CGPA: 8.63 / 10*