

MAYURI M

Data Analyst

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Globe [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