

# MAYURI M

## Data Analyst

+91-90430 76201   [mayuri.msubramani@gmail.com](mailto:mayuri.msubramani@gmail.com)   [linkedin.com/in/mayuri-](https://www.linkedin.com/in/mayuri-)   [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 (3<sup>rd</sup> 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