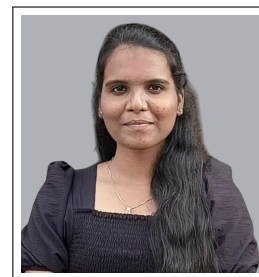# Saranya D

Bachelor of Technology in Artificial Intelligence and Data Science
Saveetha Institute of Medical and Technical Sciences

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- 🔗 github.com/saranyaD-20

Education

- **Bachelor of Technology in Artificial Intelligence and Data Science**   *Expected Jun 2026*
  Saveetha Institute of Medical and Technical Sciences   CGPA: 8.5/10
- **Higher Secondary Certificate (HSC)**   *2021 – 2022*
  St. Joseph's Matric. Hr. Sec. School, Maraimalai Nagar   Percentage: 83%
- **Secondary School Leaving Certificate (SSLC)**   *2019 – 2020*
  St. Joseph's Matric. Hr. Sec. School, Maraimalai Nagar   Percentage: 96%

Technical Skills

Programming Languages: Python, SQL, R Programming

Tools & Technologies: SPSS, XAMPP, Git, GitHub

Data Visualization: Excel, Tableau, Power BI

Areas of Interest: Machine Learning, Deep Learning, Data Analytics, Cloud Computing

Soft Skills: Problem Solving, Critical Thinking, Adaptability, Team Player, Communication

Projects

BloodBuddy – Health Recommendation Mobile App
Developed a personalized health app using Core PHP and Java (Android Studio) that suggests food based on medical conditions. Integrated an AI chatbot and optimized algorithms for better user engagement and secure data handling.

Personal Finance Management Application (Python-Based Financial Tracker)
Built a Python-based app to track income, expenses, and generate reports using Matplotlib and Pandas. Implemented rule-based categorization and secure CSV/database storage for efficient financial management.

Greenhouse Gas Emission Analysis in Aviation (Machine Learning Research Project)
Analyzed aviation emission patterns and predicted trends using SVM, LSTM, and Random Forest models. Improved model accuracy through feature engineering and hyperparameter tuning for environmental assessments.

Experience

- **Innobyte Services**   *Nov 2024 – Dec 2024*
  Python Developer Intern

  – At Innobyte Services, I worked on developing a personal finance management application using Python. The main goal was to help users easily track their income and expenses and understand their spending habits

Course Work

- Oracle Cloud Infrastructure 2025 Certified Data Science Professional
- NPTEL Certification in Cloud Computing
- HackerRank Certification in Python (Basic)
- Certified Threat Intelligence Analyst (CTIA) – EC-Council
- R Programming Bootcamp – Udemy

Achievements & Awards

- Best Student Project Award (IEP Educational Talent Award), 2024.
- Outstanding Project Presentation, International Conference on Bone Fractures (ICRAMM), 2024.
- Awarded 5-star rating in Greek for Greeks language program.