DIVYA S

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Objective

Aspiring Data Scientist passionate about applying Machine Learning, AI and Data Analytics to solve real-world problems. Eager to contribute to impactful data-driven projects and enhance analytical skills.

Education

Maharani Lakshmi Ammanni College For Women Autonomous, Bengaluru
MSc in Data Science | Pursuing (2024–2026)

Nrupathunga University, Bengaluru
BSc in Mathematics & Computer Science - 8.7 CGPA | (2021–2024)

Technical Skills

- Python Programming
- Python Libraries & Tools
- Machine Learning: Regression, Classification, Supervised & Unsupervised Learning
- Data Science: EDA, Data Preprocessing, Feature Engineering, Feature Scaling, DataVisualization
- Web Scraping: BeautifulSoup, Data Extraction & Structuring

Internship Experience

1. **AI–ML Intern | InternPe** (Sep 2025 to Oct 2025)
   - Worked on real-world data-driven projects applying Machine Learning algorithms using Python.
   - Built and evaluated predictive models, conducted EDA, and implemented data preprocessing pipelines.
   - Developed end-to-end ML workflows and improved accuracy through feature scaling and tuning.

Projects:

i . Diabetes Prediction Using Machine Learning
- Performed EDA, data preprocessing, and feature scaling.
- Trained and evaluated models for diabetes detection.
- Delivered real-world predictions for early diagnosis applications.

ii. Car Price Prediction Using Machine Learning
- Conducted EDA on car resale datasets and trained regression models.
- Built a predictive system using Linear Regression to estimate car prices.

iii . IPL Score Prediction Using Machine Learning
- Built Linear Regression & Random Forest models to predict IPL final scores.
- Analyzed key match statistics (overs, runs, wickets) for predictive performance.

iv. Breast Cancer Prediction Using Machine Learning
  • Explored dataset with EDA & visualization.
  • Built and compared Logistic Regression and SVM classifiers for tumor classification.

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2. **AI – Machine Learning Engineer Intern | IIT MANDI** (Mar 2024 to Jun 2024)
   • Applied Python and ML algorithms to analyze structured and unstructured datasets.
   • Worked in a research-driven environment focusing on data modeling and feature extraction.
   • Earned NCVET-certified AI–Machine Learning Engineer credential for skill competency.

   ### Projects:
   i. Survival Prediction on Titanic Dataset using Machine Learning
      • Implemented full ML pipeline: data preprocessing → feature engineering → model evaluation
      • Used Decision Tree algorithm to predict passenger survival probabilities.

   ii. Real Estate Data Extraction Using Web Scraping
      • Scraped data from MagicBricks using BeautifulSoup.
      • Structured extracted data into a usable format for analysis.
      • Conducted EDA and visualization to identify pricing trends and property patterns.

   iii. IMDb Movie Reviews Scraping
      • Automated extraction of user reviews from IMDb using Python and BeautifulSoup.
      • Implemented web scraping with proper headers and request handling to avoid access restrictions.
      • Collected and formatted textual reviews from web pages and stored data for analysis.

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3. **HR Recruiter | Inspire Consultancy Services** (Jan 2023 – Mar 2024)

   • Recruited candidates for IT and Non-IT roles
   • Coordinated with clients to understand hiring needs
   • Managed candidate databases and scheduling

Certifications

   • **AI – Machine Learning Engineer Certification - IIT MANDI (NCVET)**
   • **AI–ML Internship Certification – InternPe**
   • **Digital 101 Journey Certification**

Soft Skills

   • Problem Solving & Analytical Thinking
   • Effective Communication & Client Coordination
   • Team Work
   • Adaptability