MONALISA S

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OBJECTIVE:

Recent graduate with a strong foundation in data analysis, machine learning, and problem-solving, eager to apply skills and contribute to the success of any dynamic role. Open to diverse opportunities to leverage analytical abilities and drive impactful results.

EDUCATION:

Bachelor Of Technology (Artificial Intelligence and Data Science**)**
Dhanalakshmi Srinivasan Engineering College, Perambalur.

Sep 2020 – May 2024

CGPA – 8.1

- Machine Learning
- Data Mining
- Statistical Analysis
- Data Visualization
- Data Analytics
- Database Management Systems
- Predictive Analytics
- Python Programming

EXPERIENCE:

Intern, National Small Industries Corporation (NSIC), Chennai.

Feb 2024 – Mar 2024

Assisted in developing AI models and data analysis using Python, improving market trend predictions and strategic planning. Managed and updated datasets to ensure data integrity. Collaborated on data science projects and prepared detailed reports

PROJECTS:

- **Crime Against Women Analysis and Prediction Using Machine Learning**

Developed a predictive model and analytical dashboard using Python and Html to analyse and forecast crime trends against women.

- **Music Recommendation System Using Facial Recognition**

Created a system leveraging Python and OpenCV for facial recognition to provide personalized music recommendations based on users' emotional states.

- **Weather Prediction Using Confusion Matrix**

Implemented a weather prediction model utilizing machine learning techniques and evaluated its performance using a confusion matrix for accuracy assessment.

- **Language Interpreter**

Developed a language interpreter using Python to execute and evaluate code written in various programming languages.

SKILLS:

TECHNICAL SKILLS

- Programming Languages: Python, R, SQL
- Data Visualization: Matplotlib, Seaborn, Tableau, Power BI
- Data Analysis: Pandas, NumPy, Scikit-learn
- Tools and Platforms: Jupyter Notebook, Anaconda, Figma, Microsoft Office Suite

SOFT SKILLS

- Analytical Thinking
- Problem-Solving
- Communication
- Team Collaboration

CERTIFICATIONS AND COURSES:

- **Foundations: Data, Data, Everywhere** - Coursera (offered by Google)
- **Data Visualization Using Various Tools** - Udemy
- **Digital 101 Journey** - FutureSkills Prime (approved by NASSCOM)
- **One-Month Online Internship on ML Models Using Python Programming**
- **Certification in C Programming** - Offered by AI Foundation Trust