KAVIARASU

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OBJECTIVE

BCA student specializing in AI and Data Science, passionate about artificial intelligence, eager to learn, explore new technologies, and contribute to innovative projects.

EDUCATION

Bachelor of Computer Application - Artificial Intelligence and Data Science

Dr. MGR Educational and Research University, Chennai   2023-present

Higher Secondary (HSC) - [CS & Mathematics]

Radiance Matriculation Higher Secondary School - Chennai   2023

TECHNICAL SKILLS

• Languages: Python, R, Java, SQL, HTML, CSS, JavaScript
• Tools : Google Colab, RStudio, VS Code, IBM Watson Studio , Jupyter notebook
• Concepts: Machine Learning, Data Analysis,Data Structures,Data Visualization, cloud computing
• Database: MySQL

PROJECTS

Sports & Games Player Performance and Fantasy Sports Analyzer (Python)
Analyzed IPL dataset using radar charts and heatmaps, and built fantasy points tables to evaluate player performance.
Skills: Python, Pandas, Matplotlib, Data Visualization

Live Weather Forecasting Webpage (HTML, CSS, JavaScript)
Led a team project to create a live weather forecasting web application using API integration, ensuring real-time data display.
Skills: HTML, CSS, JavaScript, API Handling

Sentiment Analysis for Product Reviews (R Programming)
Led a team to Built a machine learning model to classify customer reviews into positive, negative, or neutral sentiments.
Skills: R, Logistic Regression, Data Preprocessing

Password Generator (Python)
Designed a simple yet effective program to generate secure random passwords with customizable length and character sets.
Skills: Python (Random library)

CERTIFICATIONS

- IBM – Introduction to Python
- IBM – Machine Learning using Watson Studio
- TN Advanced Technical Training Institute – Java Programming using VS Code
- Here and Now AI – RAG in Action: Revolutionizing AI with Text, Vectors & Web Data

LANGUAGES

- Tamil
- English

ACHIEVEMENTS

- Best Performer – RAG in Action Workshop (Here and Now AI)
- Successfully led teams to develop a Live Weather Forecasting Webpage and Sentiment Analysis project using R.