Diwakar Sharma

Linkedin: https://www.linkedin.com/in/diwakar7sharma/   Email: diwakar4311@gmail.com
Github: https://github.com/diwakar7sharma   Mobile: +91-6307197639

SKILLS

Languages:	C++, Java, R, Python
Frameworks:	HTML, CSS, Hadoop, Hive
Tools/Platforms:	MySQL, Apache Spark, Tableau
Soft Skills:	Active Listener, Team Player, Attention to Detail, Adaptability

INTERNSHIP

Outlier AI   Oct' 24 – Nov' 24
Freelance

- Responsible for assessing problem-solving capabilities of model to ensure logical, contextually relevant, and unbiased outputs.
- Tasks included systematic rating of responses based on predefined guidelines, refining AI understanding of complex queries.
- Rated model responses with 85% accuracy based on predefined guidelines, contributing to AI refinement in handling complex queries.
- Evaluated over 50+ AI-generated responses, ensuring logical consistency, contextual relevance, and unbiased outputs.

  Tech stacks used: Python, Json, HTML5

PROJECTS

Heart Disease Detection | *Python, HTML5, CSS, Flask*   Feb' 25
- Built a predictive model using Logistic Regression to assess heart disease risk, preprocessing patient data with Pandas and NumPy, and achieving 81% accuracy using scikit-learn's train_test_split.
- Assessed model performance using accuracy score and confusion matrix, analyzed false positives/negatives, and fine-tuned hyperparameters for improved predictions.
- Designed an interactive HTML5/CSS interface, integrated it with a Flask backend for real-time predictions, and visualized key health factors using Matplotlib and Seaborn.

Binary Search Tree | *C++, PowerShell*   Jul' 24
- Binary Search Tree (BST) in C++, implementing insertion, deletion, search, and traversal (inorder, preorder, postorder) operations.
- Optimized for logarithmic time complexity and integrated exception handling.
- Strengthened data structures, recursion, and algorithmic problem-solving skills while applying object-oriented programming (OOP) concepts for efficient execution and user-friendly interaction.

Amazon Sales Dashboard | *R, CSS*   May' 24
- An interactive sales dashboard using R, integrating flexdashboard, htmltools, and viridis libraries.
- Designed a structured layout with basic CSS for enhanced visualization.
- Presented sales trends, revenue insights, and key performance metrics with dynamic charts and filters.
- Strengthened data visualization, dashboard development, and UI structuring skills for effective data-driven decision-making.

CERTIFICATES

Data Structures and Algorithms with CPP by Cipher Schools	Jul' 24
Excel Skills for Business by Macquarie University	Apr' 24
Become a Data Scientist by LinkedIn	Feb' 24

ACHIEVEMENTS

Top 30 in Hack-a-Throne 1.0 by AIESEC	Aug' 24

EDUCATION

Lovely Professional University
Bachelor of Technology   Punjab, India
Computer Science and Engineering; *CGPA: 7.04*   Aug' 22 – Present

Vishwanath Academy
Intermediate   Aashiana, Lucknow
PCM; **Percentage: 70%**   Apr' 20 – Mar' 22

Vishwanath Academy
Matriculation   Aashiana, Lucknow
Percentage: 71%   Apr' 18 – Mar' 20