

Paila Murali Madhav

LinkedIn: <https://www.linkedin.com/in/pailamuralimadhav>
GitHub: <https://github.com/PailaMuraliMadhav>

Email: muralipaila1313@gmail.com
Mobile: +91 6300252614

SKILLS

Languages:	C, C++, R, Python
Tools/Platforms:	MySQL, Informatica Developer for Data Quality (IDQ), ETL, Tableau, Excel, Rapid Miner
Soft Skills:	Team Player, Time Management, Adaptability, Leadership

PROJECTS

Alzheimer's Disease Classification R	Nov' 2024 - Dec' 2024
<ul style="list-style-type: none">Conducted Exploratory Data Analysis (EDA) in R, which contributed to a 20% reduction in data preprocessing time.Designed and implemented several Machine Learning models such as K-Nearest Neighbors (KNN), Naive Bayes, Decision Trees, and Support Vector Machines (SVMs), resulting in an average accuracy gain of 18%.Utilized feature engineering techniques to enhance model performance, leading to a 25% increase in classification accuracy.GitHub Repository Link: https://github.com/PailaMuraliMadhav/Alzheimer-s-Disease-Project	
IPL Data Analytics Dashboard MS Excel	Mar' 2024 - Apr' 2024
<ul style="list-style-type: none">Crafted an interactive Excel dashboard to visualize IPL trends spanning from 2008 to 2023.Established a comprehensive data management strategy by incorporating slicers and hyperlinks for seamless navigation and quick access.Built and embedded dynamic visualizations—such as bar, line, and pie charts—that enriched the analysis of key performance metrics across 10 IPL teams over 15 seasons.GitHub Repository Link: https://github.com/PailaMuraliMadhav/IPL-Dashboard	

Summer TRAINING

Lovely Professional University C++	Jun' 2024 – Jul' 2024
<ul style="list-style-type: none">Developed a Library Management System to handle book transactions, including adding, updating, deleting, issuing, and returning books.Implemented file handling for data persistence, ensuring book records remain stored across sessions.Designed a role-based access system with password-protected librarian functions, user-level book management, and error handling for smooth interactions.	

CERTIFICATES

Cloud Computing NPTEL	Sep' 2024 -Nov' 2024
Data Analysis with Tableau Coursera	Oct' 2024 -Nov' 2024
Supervised Machine Learning: Regression and Classification Coursera	Oct' 2024 -Nov' 2024
Excel Skills for Data Analytics and Visualization Coursera	Apr'2024 -May' 2024

ACHIEVEMENTS

Secured top 10 position among 200 groups in the Hackathon: Web-E-Stan	Jan' 2025
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EDUCATION

Lovely Professional University	Phagwara, Punjab
Bachelor of Technology	Aug' 2022 – Present
Computer Science and Engineering; CGPA: 7.1 1	
Sanskruithi Global School	Anakapalle, Andhra Pradesh
Intermediate	Jun' 2020 – May' 2022
PCM; Percentage: 74.2%	
Sanskruithi Global School	Anakapalle, Andhra Pradesh
Matriculation	Apr' 2019 – Mar' 2020
Percentage: 84.6%	