

# Padarthi Layateja

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## OBJECTIVE

A highly motivated Computer Science Engineering student with a strong foundation in **Python, Data Structures & Algorithms**, and data visualization tools like **Tableau and Excel**. Passionate about problem-solving and **data-driven decision-making**. Continuously learning emerging technologies to enhance analytical capabilities. Outside academics, enjoys traveling and music for inspiration.

## SKILLS

Languages:	C++, Python (Pandas, NumPy, Matplotlib)
Data Analysis tools:	Tableau, Excel, R
Tools/Platforms:	MySQL, Git, GitHub
Soft Skills:	Problem-Solving, Teamwork, Data Governance, Business Intelligence

## PROJECTS

Car Data Analysis Dashboard	Sep' 2024 -Oct' 2024
<ul style="list-style-type: none"><li>Developed a dashboard for <b>analyzing</b> automotive market trends and predicting vehicle prices.</li><li>Implemented multiple <b>ML models</b> for price prediction and <b>market analysis</b>.</li><li>Technologies: <b>Python, R, ggplot2, MySQL, Tableau</b></li><li><a href="#">GitHub Repository</a></li></ul>	
Employee Productivity Analysis Dashboard	Nov' 2024 - Dec' 2024
<ul style="list-style-type: none"><li>Designed a <b>Tableau dashboard</b> to analyze employee productivity trends and KPIs.</li><li>Provided actionable insights on efficiency improvements and process optimizations.</li><li>Technologies: <b>Tableau, Excel, SQL</b></li><li><a href="#">GitHub Repository</a></li></ul>	
Ludo Game (Python Simulation)	Sep' 2023 - Nov' 2023
<ul style="list-style-type: none"><li>Developed a Python-based Ludo game with <b>automated game logic</b></li><li>Implemented win conditions, player interactions, and game state management.</li><li>Technologies: <b>Python, NumPy, Pandas, Matplotlib</b></li><li><a href="#">GitHub Repository</a></li></ul>	

## Summer TRAINING

Board Infinity – Data Analytics Trainee	Jun' 2024 – Jul' 2024
<ul style="list-style-type: none"><li>Completed an intensive training program focusing on <b>algorithm analysis, data structures, and analytics</b>.</li><li>Optimized a Library Management System, improving execution time by 15%.</li><li>Conducted training for 50 peers on <b>data structures and data processing techniques</b>.</li><li>Tech Stack: <b>Python, C++, SQL, Tableau, MySQL</b></li><li><a href="#">GitHub Repository</a></li></ul>	

## CERTIFICATES

Supervised Machine Learning  <a href="#">coursera</a>	Nov' 2024
Data Structures and Algorithms <a href="#">udemy</a>	Nov' 2023
Data Analysis with Tableau   <a href="#">coursera</a>	Nov' 2024

## EDUCATION

Lovely Professional University	Phagwara, Punjab
Bachelor of Technology	Aug' 2022 – Pursuing
Computer Science and Engineering; CGPA: 6.75	
Narayana junior college	Gudur, Andhra Pradesh
Intermediate	Mar' 2020 – May' 2022
PCM; Percentage: 86%	
Narayana School	Gudur, Andhra Pradesh
Matriculation	Apr' 2019 – Mar' 2020
Percentage: 91%	