

Midatha Chandini

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SKILLS

• Languages:	Python, R, SQL,Java,C++
• Frameworks&Libraries:	Pandas, NumPy, Scikit-Learn, ggplot2, dplyr, tidyr, Matplotlib
• Tools/Platforms:	Jupyter Notebook, Tableau,Hadoop, Power BI, Excel, MySQL, R Studio
• Soft Skills:	Analytical Thinking ,Data-Driven Decision Making, Collaboration, Adaptability

SUMMER TRAINING

Board Infinity <i>Summer Training-Data Structures & Algorithms</i>	May '24 – Jul '24
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- Completed an intensive summer training program at **Board Infinity** focused on **Data Structures and Algorithms**.
 - Enhanced **problem-solving abilities** by applying **advanced concepts** to real-world scenarios.
 - Focused on **algorithmic efficiency**, **code optimization**, and solving **complex challenges**.
 - Learned to **approach problems systematically**, decompose them into smaller components, and implement **efficient algorithms** using best practices.
- Tech stacks used:** C++, Java , DSA algorithms

PROJECTS

Student Sleep Patterns	Oct '24 - Dec '24
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- Performed **predictive analytics** on student sleep patterns based on lifestyle factors such as **screen time**, **caffeine intake**, **physical activity**, **study hours**, and **age**.
 - Applied **Decision Tree**, **KNN**, **Naive Bayes**, **SVM**, and **Random Forest** models to classify **sleep quality** and identify key influencing factors.
 - Evaluated model performance using **accuracy metrics** and **confusion matrix visualizations** to compare effectiveness
- Tech Stack:** R, Machine Learning, ggplot2, caret

Healthcare Data Analysis	Aug '24 – Nov '24
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- Developed an **interactive healthcare analytics dashboard** to visualize **patient demographics**, **disease prevalence**, and **hospital performance metrics**.
 - Designed **dynamic visualizations** to track **patient trends**, **mortality rates**, and **treatment effectiveness**, enabling proactive decision-making.
 - Implemented **KPI tracking** and **predictive forecasting** to optimize **patient care strategies** and **hospital operations**.
 - Integrated **real-time data updates** for enhanced accessibility.
- Tech Stack:** Tableau, Excel, Data Analysis, Data Visualization

CERTIFICATES

• Data Analysis with Tableau – Tableau (Coursera)	Dec '24
• DevOps Capstone Project – IBM (Coursera)	Sep '24 – Dec '24
• Supervised Machine Learning : Regression and Classification –Deep Learning. AI(Coursera)	Sep '24
• Cloud Computing – (NPTEL)	Jul '24 – Oct '24
• Excel Skills for Business – Macquarie University (Coursera)	Jan '24 – Apr '24

ACHIVEMENTS

• Achieved 94.34 Percentile in Jee Main Entrance Examination	Jul'22
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EDUCATION

• Lovely Professional University <i>Bachelor of Technology - Computer Science and Engineering; CGPA:6.54</i> <i>Favorite Courses: Object Oriented Programming, Data Structures, Tableau, Predictive Analytics</i>	Punjab, India Sep'22- Present
• Narayana Junior College <i>Intermediate; Percentage: 80%</i>	Nellore, Andhra Pradesh Jun '20 - Mar '22
• Narayana E.M School <i>Matriculation; CGPA:10</i>	Naidupet , Nellore Jun '19 – Mar '20