

Midatha Chandini

Linkedin: [linkedin.com/in/chandini-midatha](https://www.linkedin.com/in/chandini-midatha)
Github : github.com/chandini12222546

Email: midathachandini@gmail.com
Mobile: +91-8096565410

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
Summer Training-Data Structures & Algorithms

May '24 – Jul '24

- 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

- 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

- 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

EDUCATION

- Lovely Professional University**

Punjab, India

Bachelor of Technology - Computer Science and Engineering; CGPA:6.70

Favorite Courses: Object Oriented Programming, Data Structures, Tableau, Predictive Analytics

Sep '22- Present
- Narayana Junior College**

Nellore, Andhra Pradesh

Intermediate; Percentage: 80%

Jun '20 - Mar '22
- Narayana E.M School**

Naidupet , Nellore

Matriculation; CGPA:10

Jun '19 – Mar '20