



ABINAYA R

Student

CONTACT

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SKILLS

Python

Power Point

SQL

C, C++

LANGUAGES

Tamil

Kannada

English

HOBBIESTS

- Pencil drawing
- Short story writing
- Playing

ABOUT ME

Enthusiastic M.Sc. Data Science student with a background in Information Technology and hands-on experience in data analysis, machine learning, and Python programming. Adept at handling datasets, building predictive models, and creating visual insights using tools like Pandas, NumPy, and Matplotlib. Committed to continuous learning and delivering data-driven solutions that support business decision-making.

EXPERIENCE

Data analyst internship

May 2025 - Jun 2025

Kyanite technologies, Madurai

Completed a Data Analytics internship at Kyanite technologies, Madurai, where I collected, cleaned, and organized detailed datasets on schools and colleges in the Madurai region using Microsoft Excel. Developed an interactive Power BI dashboard titled "Madurai Colleges" to visualize key insights and trends. This experience enhanced my skills in data collection, preprocessing, analysis, and visualization while providing hands-on exposure to real-world data handling and reporting using Excel and Power BI.

EDUCATION

M.Sc (data science), CGPA: 8.3

Jun 2024 - Present

The American College, Madurai

B. Sc (Information Technology), Percentage: 79.7

Jun 2021 - May 2024

Yadava College, Madurai

HS, Percentage: 65

Jun 2020 - May 2021

G.H.S School, Koduvilarpatty, Theni

S.S.L.C, Percentage: 50

Jun 2019 - Nov 2020

G.H.S School, Koduvilarpatty, Theni

PROJECTS

Noise pollution heatmap using machine learning

Sep 2025 - Oct 2025

Developed a machine learning model using K-Means clustering to analyze city noise data and identify low, medium, and high noise zones. The results were visualized through a heatmap to highlight noise intensity across different areas for smart city planning.

Coffee shop Management system

Dec 2023 - Dec 2024

Developed a Coffee Shop Management System enabling customers to pre-book tables and place online orders through a web platform.