






MALAI RAJ R

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SUMMARY

Data-driven learner with strong skills in Python, data analysis, and applied AI. Passionate about exploring data to uncover patterns, generate insights, and support informed decision-making. Experienced in building analytical and predictive projects, and eager to apply data analytics techniques to solve real-world business problems.

EDUCATION

Coimbatore Institute Of Technology

M.Sc. Data Science

CGPA: 7.04

Coimbatore, Tamil Nadu

2023–Present

Green Valley Matriculation Higher Secondary School


Higher Secondary Education

Percentage: 87.66%

Hosur, Tamil Nadu


2022–2023

PROJECTS

Spotify Data Analytics Dashboard 

Tools used: MySQL, SQL, Python, Power BI, Pandas.

- Built an end-to-end data pipeline to load Spotify data from CSV into MySQL using Python scripts.
- Performed SQL analysis on tracks, artists, genres, and audio features to uncover popularity trends.
- Designed Power BI dashboards to visualize genre distribution, artist productivity, and audio features.

Zomato Delivery Delay Analysis Dashboard 

Tools used: Power BI, SQL (MySQL), Python, DAX.

- Processed 45K+ Zomato delivery records using Python and MySQL for analysis.
- Created a 4-page Power BI dashboard to analyze delivery delays by traffic, weather, and city.
- Applied 30-minute SLA rules and calculated Delay % and On-Time Delivery % in DAX.

SympAI — AI-Powered Symptom Checker 

Tools used: React, Node.js, Firebase Auth, Firestore, PapaParse.

- Developed an NLP-based symptom checker using React, Node.js to get reliable accuracy.
- Implemented text/voice symptom extraction with secure Firebase authentication for 100+ evaluations.
- Integrated BERT outputs with a scoring pipeline to deliver reliable ranked condition predictions.

SKILLS

Languages	Python
Web Development Frameworks	React, Node.js, Streamlit
Web Development	HTML, CSS, JavaScript
Databases / Tools	MySQL, Firebase
Machine Learning	Scikit-learn, Pandas, NumPy
Soft Skills	Leadership, Team Work, Critical Thinking

AREA OF INTEREST

Web Development, Machine Learning, Data Analysis

CERTIFICATES

- Logic Loop — Participation | Talos | CIT Chennai
- Triathlon — Axios | PSG Tech, Coimbatore
- Linux Workshop — FOSS Club | CIT Coimbatore
- Data Analytics Job Simulation — Deloitte
- GenAI Powered Data Analytics — Forage
- Data Science Job Simulation — British Airways