

BALAJI C

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PROFILE SUMMARY

- Skilled in data cleaning, visualization, and predictive analytics using Python (Pandas, NumPy), SQL, Power BI, and Tableau.
- Experienced in data preprocessing, EDA, and machine learning model development to support real-world business decision-making.

EDUCATION

B.Tech:Artificial Intelligence and Data Science, CARE College of Engineering **2021 - 2025**
Current CGPA: 8.01

Higher Secondary Certificate(12th), Native Higher Secondary School **2020 - 2021**
Percentage: 82

Secondary School Leaving Certificate(10th), Native Higher Secondary School **2018 - 2019**
Percentage: 76

EXPERIENCE

Data Science Intern **Jul 2023 - Aug 2023**
BrainOVision Solution Pvt Ltd. (**Remote**)

- Analyzed large datasets using Python, leveraging Pandas for data handling and Matplotlib for visualization. Developed insights through data trends and patterns.

Data Science Intern **Feb 2024 - Mar 2024**
OASIS Infobytes.(**Remote**)

- Worked on house price prediction using Python, applying data preprocessing and regression techniques. Used Pandas and Matplotlib to analyze large datasets and extract insights from trends and patterns.

SKILLS

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|-------------------|-------------------|---------|--------------------|
| • Python | • SQL | • Excel | • PowerBI |
| • Tableau | • Data Structures | • AI | • Machine Learning |
| • Problem Solving | | | |

CERTIFICATIONS

Python – **Guvi**, SQL and Power BI – **LinkedIn Learning** ,
Data Analytics course – **ACTE Technologies**.

MAIN PROJECTS

Pothole Detection for Road Safety: Developed a real-time pothole detection system using Python and the YOLOv11 deep learning model, implementing computer vision techniques with OpenCV for image and video processing. Integrated a Python-based backend to support front-end options for photo, video, and live detection, delivering accurate pothole identification to enhance road safety and facilitate proactive maintenance.

MINI PROJECTS

ICC-T20-2022-Analysis: A Python-based data analysis project that explores the match data from the ICC T20 World Cup 2022, focusing on team performances, player stats, and match outcomes. The project includes data cleaning, EDA, and visualization of various cricket statistics using Python libraries.

IPL Analysis: Developed an interactive Power BI dashboard analyzing IPL data from 2008–2025, featuring season-wise statistics, player performance (Orange/Purple Cap), match outcomes, and team standings. Implemented data cleaning, transformation, and visualization to deliver actionable insights and trends in team and player performance.