

HARSHINI JADDU



Lecturer at SDMSMK

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Professional Summary

Data Science postgraduate with strong knowledge of Python, SQL, Machine Learning, Artificial Intelligence, Power BI, and data analytics. Skilled in developing AI applications, dashboards, and predictive models. Passionate about solving business problems using data-driven solutions.

Education

M.Sc. Data Science & AI, PB Siddhartha College of Arts & Science (2023–2025) – 82%

B.Sc. MSCS, SDMSMK (2020–2023) – 80%

Intermediate MPC, Sri Chaitanya Jr College (2018–2020) – 96%

SSC, Vijetha English Medium School (2017–2018)

Technical Skills

Python, SQL, Power BI, Machine Learning, AI, Data Structures, HTML, Computer Networks

Projects

- Object Detection using YOLO: Developed a real-time object detection model.
- Talking Parrot using ChatGPT API: Built an AI conversational chatbot.
- Power BI Dashboards: Created interactive dashboards.
- Full Stack E-commerce Website: Developed shopping platform using Python.

Publication

Steganography Encryption for Android Application – Published research on secure data hiding using multimedia.

Certifications

- SWAYAM IIT Kharagpur – Data Science using Python
- NPTEL – Computer Networks and Internet Protocol (75%)

Soft Skills

Communication, Leadership, Teamwork, Problem Solving, Critical Thinking, Time Management

Seminars / Workshops / FDPs / Webinars / Certification Courses

- Participated in Faculty Development Program on R Programming: Applications in DataScience and Research on 20th November 2025 organized by IQAC,Sri Durga Malleswara Siddhartha Mahila Kalasala.
- Participated in Faculty Development Program on Microsoft Power BI Data Analyst Associate on 19th -23rd January 2026 Organized By ICT Academy,SRK College.
- Participated in Faculty Development Program on Digital Marketing :Concepts & Use Cases For Small Businesses on 25th-29th May 2026 organized by ExcelR Pvt.Ltd Online mode
- Five-Day FDP (Online) on 'Tensor for Machine Learning' – ICT Academy (08–12 June 2026).
- Five-Day FDP (Online) on 'AI-Powered Data Visualization using Tableau & Power BI' – WOW Light Signal – AI Academy & The IETE Vijayawada (01–05 June 2026).
- Five-Day FDP (Online) on 'Agentic AI: MCP, A2A & Enterprise AI Agents' – ExcelR Edtech Pvt. Ltd. (08–12 June 2026).
- One-Day FDP (Online Workshop) on 'AI Agents & Intelligent Automation' – WOW Light Signal – AI Academy (19 June 2026).
- One-Day FDP (Online Workshop) on 'Quantum Computing' – WOW Light Signal – AI Academy (21 June 2026).
- Five-Day FDP on 'Trends in Higher Education: Research Impact Tools and Effective Pedagogy' – IQAC, SDMSMK (16–20 June 2026).
- Five-Day FDP (Online) on 'Quantum Computing' – ExcelR Edtech Pvt. Ltd. (29 June–03 July 2026).
- Two-Day FDP on 'Publishing Impactful Scopus & WoS Indexed Research' – Department of Commerce and Management (25–26 July 2026).

Subjects Handled

- Programming using C
- Introduction to Artificial Intelligence

- Applications of AI in Commerce & Management
- Data Structures using C
- Prompt Engineering for Generative AI
- Database Management Systems (NoSQL)
- Office Automation Tools

Committees

- Red Ribbon Club
- Red Cross Society
- Sustainable Outcomes Committee
- NSS Committee Member