

Peddada Jasmika Satya Sri

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Professional Summary

Motivated Computer Science Engineering student with a strong foundation in data analytics, AI/ML, and remote sensing technologies. Passionate about applying machine learning techniques to geospatial data and satellite imagery analysis. Hands-on experience in data cleaning, visualization, and dashboard building. Recently trained by IIRS-ISRO in AI/ML for geodata analysis. Looking forward to contributing to real-world projects at NRSC, ISRO, and learning from experts in the field..

Skills

- **Programming Languages:** Python, SQL, C
- **AI/ML & Data Science:** NumPy, Pandas, Matplotlib, EDA
- **Data Analysis & Visualization:** Excel (PivotTables, Charts, VLOOKUP), Web Scraping (BeautifulSoup)
- **Database Management:** MySQL
- **Tools & Platforms:** Jupyter Notebook, Visual Studio Code, Git, GitHub
- **Soft Skills:** Analytical Thinking, Communication, Critical Thinking, Time Management

Projects

Reduce Women's Diabetes Rates – Data Analytics | GitHub Link January 2025

- Collected and cleaned a dataset of **700+ records** in Excel, removing duplicates and handling missing values. Performed **Exploratory Data Analysis (EDA)** using PivotTables, conditional formatting, and statistical formulas. Created an **interactive Excel dashboard** to visualize trends in diabetes risk factors.
- Improved data visualization efficiency by **40%**, enabling better identification of high-risk groups and aiding decision-making for healthcare professionals.

Vrinda Store Sales Analysis – Business Intelligence | GitHub Link October 2024

- Cleaned and structured raw sales data using Excel functions such as **VLOOKUP, IF, SUMIF, and PivotTables**. Created an **automated reporting dashboard** to visualize monthly revenue, best-selling products, and customer trends.
- Reduced manual data processing time by **30%** and provided data-driven recommendations that improved **inventory management and pricing strategies for 2023**.

Certifications

AI/ML for Geodata Analysis (IIRS & ISRO) September 2024

- Developed skills in **AI/ML** applications for geospatial data, remote sensing, and image processing.
- Learned data-driven techniques for analyzing satellite imagery and geographic patterns.

Career Essentials in Generative AI (Microsoft & LinkedIn Learning) October 2024

- Gained expertise in Generative AI, **NLP** models, and AI tools like **Midjourney, DALL-E, and Stable Diffusion**.
- Explored **Microsoft 365 Copilot** for automation in Excel and PowerPoint.

Education

JNTU-GV College of Engineering 2023 - Present

- Bachelor of Technology in Computer Science and Engineering(2nd year) | CGPA: 8.03/10.00

Eswar Vidyalaya Jr College for Women 2021 - 2023

- Board of Intermediate (MPC Group) | 95.5%

S.V.S Z.P.P.(Boys) HIGH SCHOOL 2020 - 2021

- Board of Secondary Education | 92.0%