Venudatta Karumuri

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PROFILE SUMMARY

Results-driven Data Science Intern experienced in data analysis, power BI, and modeling. Skilled in Python, SQL, Power BI, Tableau, and machine learning, with strong ETL and data visualization expertise. Excellent communicator passionate about turning data into actionable insights.

EXPERIENCE

RUBIXE AI | Data Science Intern
Sept 2024 -- May 2025 | Bengaluru

- Designed and implemented a CNN-based deep learning model to classify rice leaf diseases using data augmentation and transfer learning.
- Performed clustering of FIFA20 football players with K-Means and DBSCAN based on performance metrics.
- Created interactive Power BI dashboards to visualize sales trends, customer behavior, and KPIs for a pizza company.
- Developed automated ETL pipelines to extract, transform, and load data, reducing manual reporting efforts by 30%.

PERSISTENT SYSTEMS LTD | Software Engineer
July 2022 -- Mar 2024 | Hyderabad

- Built an automated loan-processing platform for Piramal Finance & Capital Ltd on Salesforce, integrating third-party APIs.
- Developed custom Salesforce Lightning Components and Apex Triggers to support business workflows.
- Optimized backend processes and automation scripts, enhancing system efficiency by 25%.
- Wrote comprehensive Apex unit tests achieving 80%+ code coverage.

PROJECTS

SALES EFFECTIVENESS FOR FICZON INC Apr 2025 -- May 2025 | Bengaluru

- Developed a machine learning model to identify and categorize potential customers, boosting sales targeting.
- Applied Decision Tree and Random Forest classifiers to segment leads into high and low-potential groups.
- Feature analysis such as location, delivery mode, source, status, sales agent to predict lead quality.
- **Tools Used:** VS Code, Jupyter Notebook, MySQL

EMPLOYEE SALARY PREDICTION MODEL Mar 2025 -- Apr 2025 | Bengaluru

- Built a Random Forest ensemble model to predict employee compensation with high accuracy.
- Enhanced performance through hyperparameter tuning and cross-validation.
- Deployed the model as a Flask web application for real-time salary predictions.
- **Tools Used:** Jupyter Notebook, VS Code, Flask

EDUCATION

VISHNU INSTITUTE OF TECHNOLOGY B.Tech in Electronics & Communication Engineering
May 2018 -- June 2022 | Bhimavaram, Andhra Pradesh
Cumulative GPA: 8.22

CERTIFICATIONS

- Certified Data Science – IABAC (May 2025)
- Certified Data Scientist – NASSCOM Future Prime Skills (Apr 2025)
- Data Science Professional Intern – Rubixe AI (Mar 2025)
- Machine Learning Foundation – Internshala (Oct 2024)

SKILLS

- Python
- HTML
- CSS
- MySQL
- Flask
- Git/GitHub
- Power BI
- Tableau
- Advanced Excel
- Machine Learning
- Deep Learning

LANGUAGES KNOWN

- English (Proficient)
- Telugu (Native)
- Hindi (Intermediate)

LINKS

- Portfolio: venudatta-portfolio.github.io/venudatta-portfolio
- GitHub: github.com/venudatta67
- LinkedIn: linkedin.com/in/venudatta-karumuri-09a0a41a9