

GUDUGUNTLA SOWMYA

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SUMMARY*

Results-driven **Data Science professional** with **3.8 years of experience** in data analysis, predictive modeling, and risk assessment. Skilled in **Python, R, SQL, Tableau, Power BI, and Excel**, with a proven track record of transforming complex data into actionable insights. Recognized with multiple awards for excellence in **high-stakes projects**, demonstrating expertise in **machine learning, statistical analysis, and data-driven storytelling**. Passionate about leveraging analytics to drive business decisions and create meaningful impact.

TECHNICAL SKILLS: Microsoft Excel, Python programming, R Programming, SQL, Power BI, Tableau, Statistics, Machine Learning, Deep Learning, Artificial Intelligence

PROFESSIONAL EXPERIENCE

DELOITTE SUPPORT SERVICES INDIA PRIVATE LIMITED

HYDERABAD, TELANGANA, INDIA

Vendor Risk & Compliance Analyst

October 2020 – August 2024

Project - Strategic Expansion of Vendor Risk Optimization and Coverage

- **Received 2 Spot Awards and 1 Applause Award** for achieving a **30% reduction in third-party risk incidents** through data-driven risk assessment and strategic compliance initiatives.
- **Demonstrated leadership in achieving Deloitte's strategic goal** of expanding **VRCT coverage from 48% at the end of FY23 to 97% by October 2023**, completing the transition **4 months ahead of schedule** by effectively communicating with GPS practice teams.
- **Conducted 10+ risk-related projects**, compiled and analysed **500+ weekly data points**, and presented **actionable insights to senior leadership**, driving **15% faster decision-making** on vendor risk.
- **Monitored 100+ vendors** across business resilience, third-party risk, cybersecurity, and identity management, proactively identifying and mitigating **25+ potential threats per quarter**.
- **Supported the implementation and training** of **5+ new policies and risk tools**, improving compliance adherence by **20%** within the Third-Party Risk Program.
- **Raised awareness of operational risks** from third-party engagements by delivering **monthly risk briefings to 10+ stakeholders**, resulting in a **40% reduction in risk exposure**.
- **Partnered with Vendor Management** to develop **data-backed risk mitigation strategies** for **50+ key third-party relationships**, enhancing **vendor accountability by 35%**.
- **Led cross-departmental initiatives** to standardize **due diligence and risk assessment criteria across 4+ teams**, ensuring a **100% consistent framework for third-party onboarding** and reducing compliance gaps by **25%**.

LEADERSHIP EXPERIENCE

DELOITTE SUPPORT SERVICES INDIA PRIVATE LIMITED

HYDERABAD, TELANGANA, INDIA

Vendor Risk & Compliance Analyst

October 2020 – August 2024

Strategic Leader – VRCT Expansion Initiative:

- **Led the successful expansion of VRCT coverage from 48% at the end of FY23 to 97% by October 2023**, exceeding the strategic goal **4 months ahead of schedule**.
- Spearheaded cross-functional collaboration with **GPS practice teams**, effectively transitioning records to VRCT and **doubling coverage volume within 4 months**.
- Communicated key milestones and progress updates to senior leadership, ensuring alignment with compliance and risk governance objectives.
- Recognized for **exceptional leadership and strategic execution**, contributing to improved vendor risk transparency and operational efficiency.

Volunteer – Impact Day:

- **Led a team of 15 volunteers** in organizing and executing **Impact Day initiatives**, driving community engagement and corporate social responsibility efforts.

EDUCATION & OTHER

GITAM UNIVERSITY – M.Sc. DATA SCIENCE

2024 – 2026(*Currently Studying*)

OSMANIA UNIVERSITY (LOYOLA ACADEMY UG & PG COLLEGE) – B.Sc. COMPUTER DATA SCIENCE & DATA ANALYTICS ENGINEERING

2017-2020 – *CGPA – 8.99/10*

LANGUAGES

Telugu, English, Hindi

OTHER EDUCATION

- Certificate of Excellence in technical project competition organized during Machine Learning and Artificial Intelligence Internship.
- A Two-Day National workshop on LLMs and Generative AI.

PROJECTS

CLASSIFICATION OF PLANT SEEDLINGS USING DEEP LEARNING

- This project aims to classify the input image as species of plant seedling. The image input which you give to the system will be analyzed and the predicted result will be given as output.
- Machine learning algorithm [**Convolutional Neural Network**] is used to classify the image. The model thus implemented can be extended to a mobile device or my website as per developers need.

LICENSE PLATE RECOGNITION

- Developed a **deep learning-based system** for **vehicle license plate detection and recognition** using a dataset of **1,800 annotated images**.

Key Contributions:

- **Dataset Preparation:** Processed and labelled **900 vehicle images** with bounding box annotations and **900 license plate images** with alphanumeric text annotations.
- **Model Development:** Built and trained **computer vision models** for **license plate localization and character recognition**.
- **Evaluation & Optimization:** Assessed performance on a **test set of 201 images**, focusing on **detection accuracy and OCR-based character recognition**.
- **Techniques Used:** Image processing, CNNs, OCR, and object detection algorithms.

INTERESTS

Fashion, Yoga, Reading Books, Dance, Movies/TV Shows