

Radhi Sri Bhavya Patamsetti

Data Analyst

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SUMMARY

Data Analyst skilled in Python, SQL, tableau and Power BI with hands-on experience analysing large datasets and building dashboards that enhance clarity and streamline processes. Developed Tableau and Power BI dashboards, automated ETL workflows, and partnered with stakeholders to standardise KPIs and improve reporting accuracy. Seeking to apply analytical expertise to drive operational and strategic decisions.

EXPERIENCE

Office of Educator Preparation, Graduate Assistant - Data Analyst

01/2025 – Present | San Marcos, Texas

- Analyzed 10,000+ student and program records with Python and SQL, uncovering actionable insights and trends that improved reporting accuracy and program effectiveness by 15%.
- Developed and deployed Tableau and Power BI dashboards, while automating Excel ETL workflows to clean, label, and structure datasets, cutting manual data preparation by 40% and enabling more efficient reporting.
- Extracted and cleaned data from Pearson and SL&L, creating summary reports and dashboards to provide key insights, improve decision-making, and enhance program tracking.
- Led scheduling, stakeholder coordination, and front-desk operations, supporting 200+ students and faculty weekly while ensuring seamless communication and operational efficiency.

SAGE, Data Scientist and Community Manager Intern

09/2023 – 01/2024 | Hyderabad, India

- Developed ML-powered analytics to identify user behaviour patterns and feature impact, resulting in a 25% increase in engagement on community platforms.
- Built Discord automation bots using Python, automating message classification and reducing manual moderation efforts by 30%.
- Created KPI dashboards in Excel (with VBA automation) and Power BI, monitoring key metrics such as growth, retention, and activation across 50,000+ interactions, translating business challenges into actionable insights and enabling real-time decision-making.
- Led community outreach efforts with 10+ partners, driving user acquisition through data-driven campaign insights.

EDUCATION

Master's, Computer Science, Texas State University

08/2024 – 05/2026 | San Marcos, Texas

- GPA: 3.64/4

Bachelor's, Artificial Intelligence & Data Science,

Shri Vishnu Engineering College for Women

08/2020 – 05/2024 | Bhimavaram, India

- GPA: 8.72/10

SKILLS

Programming: Python, SQL, Git, Database

Data Analysis: NumPy, Pandas, EDA, Statistical Analysis, Data Cleaning

Visualization: Tableau, Power BI, Matplotlib, KPI Dashboards

Machine Learning: Scikit-learn, Regression, Classification, Feature Engineering, Model Evaluation, Clustering

Data Tools: Excel, Automation, ETL Pipelines, API Data Integration, Cloud Platforms, Jupyter Notebook, Anaconda

Other: Communication, Cross-functional Collaboration, Documentation

PROJECTS

AI-Driven Marketing ROI Dashboard, Tableau

- Developed a marketing analytics dashboard integrating transaction data, customer profiles, and marketing objectives to provide actionable insights for decision-making.
- Built predictive models with Uplift logic and multi-touch attribution, optimised spend, analysed CLV for segmentation, and created a Strategic Performance Quadrant to drive real-time campaign optimisation.

Disaster Response Assistant

- Developed a cross-platform AI assistant for emergency response, integrating GPT-OSS models, FAISS vector search, and Whisper.cpp for real-time medical and survival workflows.
- Designed First Aid, Survival, and Communication modules with offline inference to ensure functionality in low-connectivity environments.

Gastro-Intestine Segmentation using U-Net

- Developed a U-Net model for medical CT/MRI scan segmentation, achieving 85% Dice accuracy and automating lesion detection to reduce manual review time.
- Applied CNN-based feature extraction and optimized IoU/Dice metrics to enhance model precision and streamline the training pipeline for faster convergence.

CERTIFICATIONS

• CSI VIT - AP - UI/UX Designing Bootcamp

• Oracle - Database Foundations

• Cisco - Python Essentials

• Udemy - Excel Essentials

• Coursera - Tableau

• AWS - Machine Learning Foundations

• NIT AP - Drone Technology