

HARIPRIYA R

DATA ANALYST | FRESHER

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SUMMARY

Detail-oriented Junior Data Analyst skilled in data processing, validation, and quality assurance. Proficient in **Excel, SQL, Python, Power BI, and Tableau**, with experience in cleansing and verifying large datasets for accurate reporting. Strong analytical thinking and process-optimization mindset, committed to delivering reliable and high-quality data outputs.

EXPERIENCE

Data Analyst Intern

ICF IT Centre, Chennai 📅 08/05/2025-07/06/2025

- Engineered 40 reports analyzing employee attendance data to identify patterns and enhance workforce efficiency..
- Executed analysis using Excel (Pivot Tables), Power BI, and Looker Studio to deliver actionable insights.
- Designed and showcased interactive dashboards to monitor compliance and support data-driven decision-making.

CERTIFICATION

- Data Analytics using Excel - Anna Adarsh College For Women:** Hands-on skills in data cleaning, analysis, visualization, pivot tables and formula-based insights.
- Introduction to Machine Learning (Elite) - NPTEL - IITM (12 Weeks):** Strong grounding in supervised/unsupervised learning, classification, regression, model evaluation, and algorithmic intuition.
- Basics of Python - Naan Mudhalvan:** Fundamentals of Python, data types, loops, and basic programming concepts.
- OOPs Using Python - Naan Mudhalvan:** Object-oriented programming concepts learned that include classes, objects, inheritance, and polymorphism.
- Introduction to Agile Methodology - Naan Mudhalvan:** Understanding Agile principles, Scrum framework, and iterative project management.
- Generative AI with Cloud - IBM SkillCloud:** Knowledge of generative AI, cloud integration, and AI-powered applications.

EDUCATION

B.Sc. Computer Science with Data Science | Anna Adarsh College for Women, Chennai

2023 – 2026 | Percentage: 80.68%

CBSE (12th) | SKNS PMC Vivekananda Vidyalaya Junior College, Chennai

2022 – 2023 | Percentage: 75%

CBSE (10th) | Smt Durgadevi Choudhary Vivekananda Vidyalaya, Chennai

2020 – 2021 | Percentage: 91%

TECHNICAL SKILLS

- Data Analytics & Visualization:** Power BI, Tableau, Google Looker Studio, MS Excel
- Data Science Tools:** Python (NumPy, Pandas, Matplotlib, Seaborn), R Programming
- Database Management:** SQL
- Web Technologies:** HTML, CSS
- Office & Design Tools:** MS Word, MS PowerPoint, Canva.

STRENGTHS

- Analytical Thinking
- Problem Solving
- Technical Proficiency
- Communication
- Teamwork & Collaboration
- Quick Learner & Adaptable
- Leadership

KEY ACHIEVEMENTS

- **Centum in Statistics-I.**
- **1st Place: IoT-Based Irrigation System, Anna Adarsh College for Women** – Developed a smart irrigation system integrating ESP32, soil sensors, and automated pump management via Blynk IoT.
- **3rd Place: DataOps Drill, MOP Vaishnav College for Women** – Demonstrated and increased the analytical and visualization skills using Power BI.
- Regular participant in **Hackathons**.

PROJECTS

1. **End-to-End Data Analytics Pipeline**
 - Built full analytics pipeline: Data scraping → Cleaning → EDA → Visualization → NLP sentiment analysis.
 - Used Python libraries: Requests, Pandas, Matplotlib, Seaborn, NLTK.
 - Delivered insights: Sector efficiency, Outlier detection (Vitol), >48% positive sentiment.
2. **Financial Health Dashboard – Power BI**
 - Designed decision-support dashboard with Star Schema & DAX-driven finance metrics.
 - Built models from GL data for P&L, forecasting, and rolling trends.
 - Identified 44.1% YoY growth and flagged 2025 risk zones for smart cost control.
3. **HR Workforce Optimization Dashboard – Power BI**
 - Built HR analytics system for attrition, morale, and performance evaluation.
 - Implemented DAX metrics: Turnover Rate, Avg Performance Rating, KPI visuals.
 - Exposed 16.12% attrition risk in Tech & Sales, enabling predictive hiring.
4. **IoT Based Smart Irrigation Working Model**
 - Built real-time irrigation automation using ESP32, soil sensors, and Blynk IoT.
 - Enabled automatic pump control with remote override & smart monitoring.
 - Improved water use efficiency and demonstrated sustainable IoT agriculture.
5. **Decentralized Peer Review Platform**
 - Built submission + blind review + scoring platform for independent researchers.
 - Implemented using HTML, CSS, JavaScript, Flask (~80% complete)
 - Enables transparent, accessible research review beyond traditional journals.

PAPER PRESENTATION

- **Research Publication:** Co-authored article, "**Classification of Brain MRI Images using Deep Learning Networks**" published in the **Springer Nature** series (Studies in Systems, Decision and Control). Focused contribution on implementing Deep Learning Networks for MRI image classification.
- **Decoding Deepfakes: Innovations, Obstacles and the Road Ahead in Detection, Dwaraka Doss Goverdhan Doss Vaishnav College** Surveyed Deepfake creation and detection techniques (GANs, CNNs, RNNs) and showcased insights on challenges, trends, and AI-based mitigation strategies.

AREA OF INTEREST

- Problem Solving and Strategy Games
- Data Analytics and Visualization
- Learning Emerging Technologies