

Ganesh Sirvi

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Professional Summary

Results-driven Data Analyst with proven experience processing 300+ data records and building Power BI dashboards analyzing 10,000+ customer transactions. Achieved 40% reduction in manual processing time through Python-based automation and 100% data integrity through rigorous validation protocols. Specialized in SQL query optimization, exploratory data analysis, and creating actionable visualizations that improved targeting efficiency by 25%. Proficient in leveraging Generative AI tools to enhance analytical workflows and deliver data-driven insights that optimize business strategies.

Education

Swami Vivekananda Institute of Technology, Hyderabad, India *Expected Jun 2026*
Bachelor of Technology in Computer Science *GPA: 7.77*

Technical Skills

Programming Languages: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, HTML, CSS
Data Tools & Platforms: Microsoft Power BI, Microsoft Excel (Advanced), Jupyter Notebook
Core Competencies: Data Analysis, Data Cleaning, Data Visualization, Statistical Analysis, Exploratory Data Analysis, ETL, Data Pipeline, Business Intelligence, Data Modeling
AI & Emerging Technologies: Generative AI, Prompt Engineering
Soft Skills: Critical Thinking, Problem Solving, Communication, Adaptability, Attention to Detail

Professional Experience

Data Analyst Intern, Swecha Telangana – Hyderabad, India *May 2024 – Jun 2024*

- Executed end-to-end data collection and preprocessing for **300+ records**, transforming unstructured field data into machine-readable formats using **Python and Excel**, reducing manual processing time by **40%**.
- Implemented rigorous data validation protocols and quality assurance checks, achieving **100% data integrity** by eliminating duplicates and inconsistencies prior to database ingestion.
- Performed **exploratory data analysis** to identify demographic trends and usage patterns, delivering actionable insights that optimized the organization's outreach strategy and improved targeting efficiency by **25%**.
- Collaborated with cross-functional teams and key stakeholders to standardize data collection methodologies, creating comprehensive documentation that improved data consistency and stakeholder buy-in across future projects.

Key Projects

Customer Segmentation & Sales Analytics Dashboard *Tech: Power BI, Python, SQL*

- Built an interactive Business Intelligence dashboard using **Power BI**, analyzing **10,000+ customer transactions** to identify purchasing patterns and segment customers into **5 distinct groups** based on RFM analysis.
- Utilized **Python (Pandas, NumPy)** for data preprocessing and **SQL** for database queries, improving data retrieval efficiency by **35%**.
- Generated visualizations that enabled stakeholders to make data-driven decisions, potentially increasing targeted marketing ROI.

Certifications

- Python Bootcamp** – LetsUpgrade (May 2025)
- GenAI powered Data Analytics Job Simulation** – TATA via Forage (Oct 2025)
- Artificial Intelligence Fundamentals** – IBM Skillbuild (Aug 2025)
- SQL** – HackerRank (Nov 2023 – Jan 2024)