

Sai Manikanta Tammana

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PROFESSIONAL SUMMARY

Data Analyst with a foundation in software quality assurance and hands-on experience in Power BI, Excel, and SQL. Skilled in transforming operational data into actionable insights through dashboards, KPI monitoring, and performance reporting. Strong in cross-functional collaboration, presenting data-driven recommendations, and driving process improvements.

EDUCATION

Bachelor of Technology (Electronics and Communication Engineering) Presidency University, Bangalore	2017 - 2021 Grade: 6.94/10.0
Intermediate (Class XII) Narayana Junior college	2015 - 2017 Grade: 90.03%
Matriculation (Class X) Ravindra Bharathi Public School	2014 - 2015 Grade: 8.0/10.0

EXPERIENCE

Support Data Analyst October 2021 - Present
Wipro *Hyderabad, India*

- Delivered data validation and quality monitoring across 10+ projects, ensuring 100% compliance and reducing defect leakage by 25%.
- Leveraged SQL, Power BI, and Agile dashboards to improve stakeholder visibility, driving 20% faster issue resolution and more informed decision-making.
- Tracked key performance metrics for all team members and automated weekly status reports in Power BI, enhancing transparency and cross-functional alignment.
- Performed root cause analysis and process optimization, increasing productivity by 15% and cutting rework by 10+ hours per sprint.
- Analyzed critical performance metrics using advanced analysis tools and SQL, translating data findings into strategic insights that informed project health and process optimization.
- Supported cross-functional project transitions (e.g., Kenvue-Johnson and Johnson) with zero downtime, ensuring seamless data and vendor integration.

PROJECTS

Hospital Performance Dashboard ([Github](#)) ([Demo](#)) August 2025

Data Analysis and Dashboarding: Built interactive Power BI dashboards analyzing 5+ hospital departments and 10K+ patient records, improving visibility into revenue, performance, and patient satisfaction by 35%.

- Cost and Resource Optimization: Identified wait-time inefficiencies where longer delays reduced patient satisfaction by 40%, and recommended resource reallocation strategies to improve operational efficiency by 30%.
- Process Improvement: Segmented patients by age and analyzed visit trends, enabling 25% better personalization in healthcare services and improving seasonal planning for staff allocation.
- Strategic Initiative: Proposed data-driven staffing, investment, and engagement strategies projected to enhance patient satisfaction by 20% and optimize hospital service delivery.
- Skills: Power BI (data modeling, DAX, visualizations), Power Query, Excel, SQL

Chinook store Analysis: ([Github](#)) ([Demo](#)) July 2025

- Data Analysis: Cleaned and prepared the Chinook Music Database, resolving 100% of missing values and removing duplicates for accurate reporting.
- Business Insights: Identified Rock as the top-selling genre contributing 53.38% of U.S. sales, while repeat customers drove 94.7% of total CLV (\$4460.94), highlighting key revenue drivers.
- Optimization: Improved marketing strategy with churn analysis (up to -3.5% decline in 2018), CLV modeling, and product affinity insights (Rock frequently paired with Metal).
- Tools: MySQL Workbench, MS Word, PowerPoint.

AstroSage Call Center Optimization Project ([Github](#)) ([Demo](#)) May 2025

- **Data Analysis and Dashboarding:** Designed an Excel dashboard for 10K+ call records to track volumes, agent efficiency, and customer satisfaction.
- **Cost Optimization:** Performed root-cause analysis identifying 3+ cost leakages, leading to insights that reduced expenses by 10%.
- **Process Improvement:** Conducted hypothesis testing on call patterns and consumer needs, delivering actionable recommendations for operational efficiency.
- **Strategic Initiative:** Proposed technology upgrades, workforce upskilling, and promotional strategies projected to expand market reach by 25%, enhance service delivery, and strengthen brand visibility.
- **Skills:** MS Excel (data cleaning, pivot tables, dashboards, aggregation, reporting).

CERTIFICATIONS

Professional Certificate in Data Science Newton School

March 2025

- Currently pursuing Newton School's Data Science certification program, covering data analysis, machine learning, statistical modeling, and data visualization.
- Proficient in SQL, Power BI, spreadsheets, and statistical techniques to extract insights and support data-driven decision-making.
- Developing practical, hands-on skills to apply analytics for impactful business outcomes in the evolving field of data science.

PwC Switzerland's Power BI on Forage PwC Internship - Forage ([Link](#)) Diversity and Inclusion – Forage (Virtual Internship/Certification)

March 2025

- Researched best practices for inclusive hiring and workplace diversity metrics to support equitable recruitment.
- Utilized Excel, Power BI and data visualization techniques to track diversity metrics and highlight trends for decision-making.
- Analyzed diversity initiative data and provided recommendations to enhance employee engagement and inclusivity.

SKILLS

Computer Languages: Python

Data Tools: Power BI

Software Packages: Excel, MySQL

Soft Skills: Decision-making

Others: Spreadsheet, Analytics, Jira