

# Sai Manikanta Tammana

[LinkedIn](#) • [Github](#) • [HackerRank](#)

## 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

---

<b>Bachelor of Technology</b> (Electronics and Communication Engineering) Presidency University, Bangalore	2017 - 2021 Grade: 6.94/10.0
<b>Intermediate (Class XII)</b> Narayana Junior college	2015 - 2017 Grade: 90.03%
<b>Matriculation (Class X)</b> 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 Forge** PwC Internship - Forge ([Link](#)) March 2025  
Diversity and Inclusion – Forge (Virtual Internship/Certification)

- 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 Language:** Python

**Soft Skill:** Decision-making

**Databases & Data Tools:** Excel, MySQL, Power BI, Spreadsheet

**Domain & Business Skills:** Analytics, Jira