

# G. TANIA STACY

Data Analyst | SQL | Excel | Power BI | Python | Tableau  
10-118, Near Govt. Hospital, Thoothoor, Kanyakumari, Tamil Nadu, India  
+91 7200931647 | tanstacyofficial@gmail.com  
LinkedIn: linkedin.com/in/taniastacy06 | GitHub: github.com/Tanstacy

## Professional Summary

Aspiring Data Analyst skilled in SQL, Python, Excel, and Power BI with experience in data cleaning, analysis, and visualization. Completed projects in stock market analytics, customer segmentation, sentiment analysis, and machine learning. Strong problem-solving skills with focus on actionable insights.

## Education

B.Tech in Information Technology | St. Joseph College of Engineering, Chennai  
October 2021 - May 2025 | CGPA: 7.65

## Technical Skills

**Programming:** Python, SQL

**Visualization:** Power BI, Tableau

**Other Tools:** Excel, Git

**Core Skills:** Data Cleaning, Data Wrangling, Dashboarding, Statistical Analysis, Reporting

## Key Projects

### 1. Risk & Reward Analysis of Stock Market Sectors (Python, Power BI)

Analyzed 10 years of data across NIFTY sector categories (IT, FMCG, Oil & Gas, Pharma). Performed CAGR, volatility, and Sharpe ratio calculations using Python. Built Power BI dashboards for sector-wise comparison and investment insights.

### 2. Social Media Sentiment Analysis (Python, NLP)

Processed 50k+ tweets using TF-IDF & Logistic Regression. Classified sentiments and visualized public opinion trends.

### 3. Customer Segmentation (Advanced SQL)

Segmented customers by spending, product popularity, and activity using SQL (CTEs, window functions). Derived insights for targeted marketing.

### 4. Cuisine Classification (Machine Learning)

Built ML models (Decision Trees, Random Forest) to classify cuisine type from ingredients. Achieved accuracy of 87%.

## Experience

Data Science Intern | Prodigy Infotech | Jul 2024 - Sep 2024

Performed EDA, implemented ML models, and created reports & dashboards to improve project insights.

## **Certifications**

- Data Science – Besant Technologies
- Machine Learning – Simplilearn
- Python: Zero to Mastery – Udemy
- Data Science Libraries – Simplilearn
- Web Scraping – Simplilearn

## **Languages Known**

English | Tamil | Malayalam