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| G. Tania Stacy  Data Science Enthusiast | Proficient in Python, SQL, and Data-Driven Insights | 10-118,Near Govt .Hospital, Thoothoor,  Kanyakumari dist.,Tamil Nadu,  India  [**tanstacyofficial@gmail.com**](mailto:tanstacyofficial@gmail.com)  [**Tania Stacy |LinkedIn**](https://www.linkedin.com/in/taniastacy06/) |
| EDUCATIONSt. Joseph College Of Engineering, Chennai — *B.tech.IT*October 2021 - May 2025 (cgpa- 7.85)New Jyothi Central School, KeralaJune 2019 - May 2021 I completed my Higher Secondary in **CBSE board**. PROJECTS **AI Driven Interview Preparation System** — Tools: Python, ML, SQLite3  Developed a full-stack web app with Flask and HTML/CSS/JS to enable mock interviews. Integrated computer vision and speech recognition for emotion detection and answer validation. Implemented ML models for real-time facial emotion analysis and response evaluation.  **Intelligent Resume Analyser — Tools Used: Python, NLP,ML**  Built a Flask-based application to analyse multiple resumes for specific job domains using machine learning. Automatically classifies candidates, sending selection or rejection emails with feedback. Developed with Python, NLP, and data science techniques.  **Sentiment Analysis and Trend Visualization** — **Tools: Python, SQL Alchemy, Seaborn, Matplotlib** Analysed social media sentiment data to identify trends and insights. Managed data with SQL and SQL Alchemy, performed analysis in Python, and created visualizations using Seaborn and Matplotlib. Documented findings with Adobe Illustrator.  **Advanced Customer Segmentation — Tools Used: MySql**  Conducted in-depth customer segmentation using advanced SQL queries to analyse purchasing patterns and demographic insights. Optimized data extraction, aggregation, and clustering to drive strategic business decisions. Focused on performance tuning and complex joins for large datasets. | SKILLS **Hard Skills:** Python, SQL, MySQL, Excel, Pandas, NumPy, Tableau, Matplotlib, Seaborn, HTML, CSS, Bootstrap, JavaScript  **Data Skills:** Data Analysis, Cleaning, Wrangling, Visualization, Statistical Analysis  **Soft Skills:** Analytical Thinking, Problem-Solving, Communication, Teamwork, Adaptability, Attention to Detail, Time Management  **ACHIVEMENTS**  **Certified in Data Science** by **Besant Technologies**  **Udemy Certified** in Python Zero to Mastery  **Certified in Machine Learning** by Simplilearn  **Certified in Web Scraping** by Simplilearn  **Certified in Data Science Libraries** by Simplilearn  **Data Science Intern** at Prodigy Infotech(10-07-2024 – 11-09-2024) LANGUAGES English, Tamil, Malayalam |