SNEHA S

Coimbatore, Tamil Nadu

📞 +91 6369368803
✉ snehassk592@gmail.com

PROFILE SUMMARY

- Experienced and aspiring Data Analyst with strong project exposure in Python, SQL, Excel, and Tableau for data analysis and visualization.
- Proficient in transforming raw data into actionable insights through dashboard creation, data cleaning, and reporting.
- Skilled in database management and GUI development using SQLite3 and Tkinter for building interactive applications.
- Demonstrated ability to apply analytical techniques through hands-on academic projects solving real-world business problems.

EXPERIENCE

Excel & VBA Reporting Analyst   *Jan 2023 - May 2023*

- Cleaned and transformed business data using Excel functions, PivotTables, and charts for structured reporting.
- Automated reporting tasks using VBA Macros, PowerQuery and Advanced Excel features to reduce manual effort

Tableau Developer   *Jun 2023 - Mar2024*

- Created and published interactive dashboards with filters, calculated fields, and visual storytelling elements.
- Visualized social and business datasets to uncover trends and support data-driven decision-making.

Python Developer   *Apr 2024 - Feb 2025*

- Built Python applications using Tkinter GUI, SQLite database integration, and exception handling.
- Used Pandas and NumPy for data preprocessing, analysis, and insights generation.

SQL Analyst   *Feb 2025 - May 2025*

- Wrote complex SQL queries involving joins, aggregations, and filters to analyze business scenarios.
- Designed and queried relational databases for behavior analysis and data-driven reporting.

PROJECTS

Team Hiring Report Analysis / *Excel, Pivot Table, Charts, Conditional Formatting |*   *May 2023*

- Performed data cleaning and transformation using advanced Excel functions to analyze hiring trends, summarize sales data, and generate pivot-based insights for management reporting.

Women in STEM Dashboard | *Tableau |*   *Mar 2024*

- Developed a Tableau dashboard highlighting gender gaps in STEM fields through graphical analysis of graduation trends, job placement, and salary comparisons to support equity-based insights.

English Dictionary & Library Book Management System | *Python (File Handling, Tkinter, SQLite3) |*   *Feb 2025*

- Built a dictionary app using file handling and a GUI-based library management system with Tkinter and SQLite3, demonstrating end-to-end development and database integration.

E-Commerce User Behavior Analysis | *SQL (MySQL) |*   *May 2025*

- Executed complex SQL queries to analyze user activity across an e-commerce platform, including buyer/seller distribution, app usage trends, and country-based segmentation.

TECHNICAL SKILLS

Data Analysis & Visualization: Excel (PivotTables, PowerQuery, Charts), Tableau, Python (Pandas, NumPy, Matplotlib)

Programming & Development: Python (OOPs, decorators), OpenCV, Tkinter (GUI development)

Database Management: SQLite3, MySQL

Automation & Reporting: Excel (Macro VBA, List Functions, Data Validation), PowerQuery

Tools & Libraries: Jupyter Notebook, Google Sheets

EDUCATION

Solamalai College of Engineering   **July 2019 – Jun 2023**

Bachelor's Degree in Computer science | CGPA: 8.66   Madurai, Tamil Nadu