Mabika R

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PROFESSIONAL SUMMARY

Motivated Computer Science graduate passionate about using data to support organizational goals. Ready to grow and deliver valuable results as a data analyst.

EDUCATION

- St Joseph College of Engineering, Kancheepuram   Sep 2021-May 2025
  BE in Computer Science, CGPA: 8.26
- St Joseph Higher Secondary School, Kanyakumari   Jun 2020-Apr 2021
  Higher Secondary, Percentage: 89

SKILLS

• **Programming & Analysis**: Python (Pandas, NumPy, Matplotlib, Seaborn), HTML, Java

• **Database & Querying**: SQL (MySQL), Data extraction and Transformation

• **Data Visualization**: Tableau, Power BI, Excel (charts, pivot tables, dashboards)

• **Data Processing**: Data cleaning, Data wrangling, Preprocessing

• **Statistical & Analytical**: Hypothesis testing, Regression analysis, A/B testing, KPI analysis

• **Tools & Platforms**: Jupyter Notebook, Google Sheets, Git/GitHub

• **Soft Skills**: Problem solving, Effective communication, Critical thinking, Teamwork

PROJECTS

•**Hospital Management System** (SQL, DBMS concepts, ER diagram tools)
Developed a hospital database system using SQL to manage patients, doctors, treatments, and billing. Executed queries for revenue, doctor load, follow-ups, and patient distribution by city.

• **Sales Data Analytics** (Python, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook)
Analysed 50+ sales records using Python and visualized trends with Matplotlib and Seaborn. Performed data cleaning and EDA to generate clear and actionable business performance reports.

• **State Constituency Analysis Dashboard** (Power BI, DAX, Power Query, Excel/CSV)
Created a dashboard reviewed 100+ constituencies with 7+ visuals on election trend, Streamlined data refresh using Power Automate, boosting decision-making speed and insight delivery

EXPERIENCE

Data Analytics Intern – Vei Technologies   Jan 2025 – Feb 2025
Cleaned and examined company sales data using SQL and Python. Created Excel dashboards and Systematized weekly reports for the marketing team.

Data Science Intern – AK Infopark   Jul 2024 – Aug 2024
Processed and assessed structured data using Python and performed EDA to uncover trends. Built visualizations, developed basic ML models, and generated reports to support business decisions.

CERTIFICATIONS

- Master Program in Data Science & AI - Fita Academy (4 months course)
- Data Analytics using Excel - Great Learning
- Oracle SQL - Great Learning

ACHIEVEMENT

Project "Safe Haven a Digital Shield for Women" selected among Top 1000 out of 10,000+ projects in Tamil Nadu under the Naan Mudhalvan – Niral Thiruvizha Innovation Festival.

EXTRACURRICULAR

- Led the college choir team, coordinating performances and developing leadership skills.