AGALYA A

Salem,Tamilnadu

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- Enthusiastic Computer Science Engineering student with strong knowledge of **SQL, Power BI, Excel, and Python**.
- Skilled in **data analysis, visualization, and reporting**, with hands-on experience in databases and dashboards.
- Strong in **communication, management, and logical problem-solving**. Passionate about writing reports and translating project goals into actionable insights.

Relevant Coursework

.Data Integrity | .Data Governance | .Data Visualization | .Requirement Gathering | .Bussiness Impact Analysis

Experience:

PwC Switzerland – Power BI Virtual Internship (Forage)   **MAY 2025**
- Built Power BI dashboards to visualize HR data and business KPIs.
- Analyzed gender-related KPIs, identifying root causes of inequality.
- Delivered reports and insights for executive decision-making.

Tata Data Visualisation – Business Insights Virtual Internship (Forage)   **MAY 2025**
- Created interactive dashboards for Tata Consultancy Services business data.
- Prepared analytical reports and presented insights for leadership meetings.
- Applied problem-solving to improve data-driven decisions.

Projects

Food Orders Data Analysis (Excel & PostgreSQL):   **AUG 2025**
Analyzed food orders dataset from Indian restaurants across multiple cities. Wrote 20+ SQL queries to extract insights on sales trends, customer preferences, and restaurant performance.

Bank Loan Report (Python & Pandas):   **JUL 2025**
Processed loan datasets using Python to analyze repayment behavior, disbursement trends, and borrower risk. Automated reports and visual outputs.

Bank Loan Dashboard (Excel & Power BI):   **JUN-JUL 2025**
Designed dashboard analyzing loan applications, disbursements, and DTI ratios across regions to identify borrower risks.

Library Management System (SQL):   **DEC 2024**
Developed SQL-based system to manage books, employees, and customers. Automated reports on availability, rentals, and op

Technical Skills:

- **Data Analysis Tools:** Power BI, Excel, Tableau
- **Databases & Querying:** SQL, PostgreSQL
- **Programming:** Python (Pandas, NumPy)
- **Other Skills:** Data Visualization, Data Cleaning, Data Modeling, Business Communication

Education

Tagore Institute of Engineering and Technology (Anna University) *-Salem-TN*   **2022-2026**
B.E. – Computer Science | GPA: 7.8

Paavendhar Matric Higher Secondary School-Salem-TN   **2020-2022**

Extracurricular/Certifications:

- Career Essentials in Data Analysis – Microsoft,
- Virtual Internships – PwC (Power BI)
- Tata (Data Visualization),
- SQL & Relational Databases – Cognitive Class,
- SQL Practice – Mimo

Core Strengths:

- Problem-solving & logical reasoning,
- Communication & presentation
- Team collaboration & management,
- Report writing & documentation