# Kalainila.P

Aspiring Data Analyst | B.Sc. Computer Science Student | Power BI | Excel | SQL | Python

## Contact

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Chennai

Data Analyst

## Skills

Data Analytics  Power BI  Microsoft Excel  SQL  Python  DAX  Power Query  Data Visualization  Dashboard Development  Data Cleaning  Pandas  Matplotlib  Java  JavaScript  SQL Server  MySQL  MongoDB  HTML  CSS  ASP.NET  JSP and Servlets  Node.js  UiPath (RPA)  Data Mining  Jupyter Notebook  Problem Solving  Logical Thinking  Communication  Team Collaboration

## Links

https://github.com/kalainila-create

## Summary

Third-year B.Sc. Computer Science student at M.O.P. Vaishnav College for Women, aspiring to build a career in Data Analytics. Completed hands-on Data Analytics internship training at VDart Academy, gaining practical experience in Microsoft Excel, Power BI, DAX, Power Query, and dashboard development. Experienced in academic and personal projects involving data analysis, visualization, Python, SQL, and application development. Also familiar with Java, web technologies, and database management. Passionate about learning new technologies, solving problems, and turning data into meaningful insights.

## Experience

Data Analytics Intern (On-the-Job Training) — MAY-2026
VDart Academy, Trichy

- Completed hands-on training in Data Analytics workflows and industry practices.
- Worked with Microsoft Excel for data analysis and data preparation.
- Used Power Query for data cleaning and transformation.
- Created DAX measures and calculations for data analysis.
- Developed interactive dashboards and visualizations using Power BI.
- Gained practical experience in presenting data insights through visual reports.

## Education

Bachelor of Science (B.Sc.) in Computer Science – Currently Pursuing — June 2024 – April 2027
M.O.P. Vaishnav College for Women, Chennai

- Currently pursuing third year B.Sc. Computer Science.
- Expected graduation: 2027.
- Relevant coursework: Data Mining, Artificial Intelligence, Web Technology, Java and JSP, Robotic Process Automation (RPA), IoT and Cloud Computing.
- Developing technical skills in programming, database management, and data analytics.
- Completed academic and practical projects involving Power BI, Python, Java, and web development.

## Projects

- 1. PULANOVA AI: Developing a bilingual (Tamil and English) assistive application for visually and hearing-impaired users, featuring obstacle detection, voice navigation, sound detection, speech-to-text, and emergency alerts. (Python, SQL Server, HTML, CSS, JavaScript, AI APIs).
- 2. RepairTrack: Developed a database-driven repair shop ticket-tracking web application for logging and managing repair requests. (Java, JSP, JDBC, SQL Server).
- 3. Traffic Hero: Developed an interactive traffic-awareness game with road-safety quizzes and scoring. (ASP.NET, C#, HTML, CSS, SQL Server).
- 4. SalesVision: Analyzed sales data to identify revenue trends and top-performing products using data analysis and visualization. (Power BI, Python, Pandas, Matplotlib).
- 5. SmartBin: Developed a waste management web application to support waste tracking and management. (Node.js, MongoDB, HTML, CSS, JavaScript).
- 6. Bus Route Optimizer: Implemented bus route optimization using Breadth-First Search (BFS) and Dijkstra's algorithm to find efficient routes. (Python, Jupyter Notebook).
- 7. Logistics Performance Dashboard: Created an interactive Power BI dashboard analyzing 50,000 shipment records, featuring DAX measures, key performance indicators, custom themes, and KPI icons. (Power BI, DAX).

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