AARYAN M

DATA ANALYST/JUNIOR DATA SCIENTIST/FULL STACK DEVELOPER

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SUMMARY

Results-driven Data Analyst with strong hands-on skills in Power BI, SQL, and dashboard creation.Experienced in applying data models, filters, and Power Queries for actionable insights.Integrated AI tools using LLMs via API to automate and enhance data analysis workflows.Familiar with regression, classification, clustering, and real-world data problem-solving.

EDUCATION

- **PUDUCHERRY TECHNOLOGICAL UNIVERSITY, Pondicherry**
  B.Tech Information Technology
  PRE-FINAL YEAR-JUNE 2026
  CGPA - 9.20

- **VIVEKANANDHA HIGHER SECONDARY SCH0OOL,Pondicherrry**
  Higher Secondary Certificate
  MAY 2022
  93.88%

- **VIVEKANANDHA HIGHER SECONDARY SCH0OOL,Pondicherrry**
  Secondary School Certificate
  MARCH 2020
  89%

2X HACKATHON WINNER

TECHNICAL SKILLS:

- **Languages**: C, C++, Python, SQL, JAVA (Basics)
- **Data Analytics:** Power BI (Dashboarding, Power Query, Data Modeling, DAX, Filters), Data Cleaning
- **Databases:** SQL, Oracle, Data Connections, Secure Import, Relationship Mapping
- **AI Integration:** LLMs (via API Key), Prompt Engineering, Automated Insight Generation
- **Machine Learning:** Regression, Classification, Clustering (K-Means), Decision Trees, CNN (Basics)
- **Fundamentals:** Data Structures, Algorithms, DBMS, OOPS
- **Web Development:** HTML, CSS, JavaScript, React, PHP
- **UI/UX:** Figma, Canva
- **Tools:** Visual Studio Code, Oracle SQL Developer, Jupyter Notebook, Power BI Desktop

5X NATIONAL QUIZ (TECHNICAL) WINNER

PROJECTS:

AI-Powered Data Validation and Verification System:
- Spearheaded the design of an AI-enhanced system for automated dataset validation to streamline reporting processes.
- Leveraged advanced AI models and parallel processing to elevate data analysis accuracy and efficiency.
- Identified and implemented comprehensive validation protocols in collaboration with AI partners.
- Optimized user feedback and reporting features for real-time data validation status tracking.

COVID-19 Data Analysis and Visualization :
- Analyzed trends and patterns in COVID-19 data to derive actionable public health insights.
- Employed Python's data manipulation capabilities for comprehensive data cleaning and preparation.
- Constructed interactive Power BI dashboards for user-friendly access to analysis results

Criminal Recognition System using Facial Recognition and OpenCV:
- Developed a real-time criminal identification system using Python, OpenCV, and dlib facial recognition models.
- Designed a pipeline to collect facial datasets, extract features, and compare them against a known criminal database.
- Implemented a Tkinter-based GUI for face data acquisition and a Flask web interface for user interaction.
- Applied machine learning-based feature encoding for high-accuracy face matching and identity verification.

Jigyasa – Full-Stack Web Application for National Technical Symposium:
- Designed and developed a full-stack web app for Jigyasa 2025 symposium user registration and authentication.
- Built a responsive React frontend with shadcn/ui, React Hook Form, and Zod for dynamic forms.
- Developed secure Node.js APIs with Supabase, using JWT and Bcrypt for authentication.
- Deployed the app on Vercel for public access via Jigyasa.com.

WORK EXPERIENCE

Intern – DatalOHub Technologies Pvt. Ltd., Puducherry
May 2024 – June 2024

- Completed a 3-week internship with hands-on experience in IoT and machine learning applications.
- Worked on a smart water management system to allocate limited water per individual using IoT sensors.
- Learned techniques for data collection and preprocessing in practical scenarios.
- Applied basic machine learning models for analyzing and processing real-world data.
- Developed strong problem-solving skills while contributing to a sustainable tech-driven solution.