

Dhinsha T Data Analyst

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Profile

I have hands-on experience using advanced data analytics platforms to build/design data pipelines, analyze complex datasets and spot trends. I'm skilled at building data workflows and creating interactive dashboards that provide stakeholders with clear, actionable insights. My expertise includes ETL, predictive modeling, and data storytelling. I'm proficient in Python, MySQL, PowerBi, and AWS all of which I use to drive data-driven decisions.

Professional Experience

09/2023 Bengaluru	Data Analyst <i>Iolite technologies</i> <ul style="list-style-type: none">Developed an LLM-powered conversational analytics bot using Flask, LangChain, and OpenAI GPT-3.5-Turbo; dynamically translates natural-language prompts into parameterized MySQL, cutting delivery time by 70%.Led end-to-end development of interactive Power BI dashboards, implementing row-level security (RLS) and dynamic DAX measures to serve stakeholders.Designed star-schema data model in MySQL, optimizing query performance for dashboards and reducing load times by 40%.Trained and deployed a predictive model (XGBoost, 87% AUC) to identify at-risk students, enabling proactive advising and reducing dropout likelihood by 15%.Awarded "Employee of the Month" for pioneering AI/BI accelerators and mentoring teams on AI/BI best practices.
02/2023 – 05/2023 Koramangala	Data Analyst Intern <i>Eduquity</i> <ul style="list-style-type: none">Engineered a Python-based cheating detection system for computer-based exams, leveraging pattern recognition and anomaly detection to uphold exam fairness and accuracy.Developed a real-time alerting system that triggers automated email notifications to invigilators upon detecting suspicious activity, reducing response time by ~80%.Trained a supervised ML model (Scikit-learn/XGBoost) on historical cheating cases, improving detection accuracy by analyzing behavioral patterns.

Education

09/2021 – 05/2023 Bengaluru	M.Sc. Big Data Analytics (8 CGPA) <i>St. Joseph's University</i>
06/2017 – 04/2020 Kannur	B.Sc. Mathematics (8.43 CGPA) <i>Kannur University</i>

Skills

Python	● ● ● ● ●	MySQL	● ● ● ● ●
Power BI	● ● ● ● ●	Machine Learning	● ● ● ● ●
Tableau	● ● ● ● ●	ETL	● ● ● ● ●

Languages

- English
- Hindi
- Malayalam