

# GAGAN DHANAPUNE

Data Analyst | BI Developer | AI-Powered Analytics

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## PROFILE SUMMARY

Data Analytics fresher with hands-on experience in SQL, Power BI, Python, and ETL pipelines for business intelligence, dashboard development, and data-driven decision support. Built and deployed two live AI-powered analytics applications — PriceOracle (dynamic pricing intelligence) and FinIQ (financial performance analysis) — both powered by machine learning and Groq LLM. Delivered KPI dashboards adopted by business teams at VOIS and Infosys Springboard. Strong analytical mindset, comfortable presenting insights to both technical and non-technical stakeholders.

## TECHNICAL SKILLS

**SQL:** Advanced queries, Joins, CTEs, Window Functions, Query Optimisation, Root Cause Analysis — MySQL, PostgreSQL

**BI & Dashboards:** Power BI, DAX — KPI dashboards, data visualisation, trend analysis, competitor analysis, business reporting

**Python & ML:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, feature engineering

**Data Engineering:** ETL pipelines, data cleaning & validation, dimensional modelling, EDA, Databricks, PySpark

**Cloud & Tools:** Google Cloud Platform (150+ labs), Git, GitHub, Excel (Pivot Tables, VLOOKUP), MS Office, Agile / JIRA

## PROJECTS

### PriceOracle — AI Dynamic Pricing & Profit Intelligence | [GitHub](#) | [Live App ↗](#)

*Python · SQL · Scikit-learn (Gradient Boosting, Random Forest, XGBoost) · Streamlit · Groq API (LLaMA 3.1) · Power BI · DAX · Plotly · Pandas · NumPy*

- Engineered an end-to-end AI dynamic pricing platform trained on 113,815 Amazon India fashion orders across 37 regions and 7 product categories — Gradient Boosting model achieved  $R^2$  of 0.978 and MAE of 0.511, predicting demand across 60 simulated price points to identify the profit-maximising price for any product in under 5 seconds.
- Deployed a live Streamlit web app with a Groq API (LLaMA 3.1) recommendation engine delivering real-time pricing strategy narratives; price optimisation demonstrated +38% profit improvement (₹799 → ₹1,043 on Kurta); built a two-page interactive Power BI dashboard with DAX KPIs tracking ₹475M revenue, ₹178M profit, and 38% overall margin with drill-down by region, category, and season.

### FinIQ — AI-Driven Financial Performance & Root Cause Analysis | [GitHub](#) | [Live App ↗](#)

*Python · PostgreSQL · Scikit-learn (Random Forest) · Streamlit · Groq API · Power BI · DAX · Databricks · Pandas · NumPy*

- Built an AI-driven financial analytics system processing business data across 5 countries and 6 product lines — evaluated KPIs including total revenue of \$10.3M, profit margin of 24.9%, and YoY revenue growth of 270%; applied Random Forest feature importance to identify key performance drivers: COGS, discount rates, and sales volume.
- Deployed a live Streamlit web app with a Groq API-powered recommendation engine delivering real-time financial insights and actionable strategy suggestions; results visualised through an interactive Power BI dashboard with DAX-driven KPIs, trend analysis, and executive-level reporting. (Ongoing)

### Hotel Revenue Intelligence & Occupancy Analytics | [GitHub](#)

*Power BI · DAX · SQL · Excel · Snowflake Schema · Dimensional Modelling*

- Designed a Snowflake schema dimensional data model integrating multiple hospitality datasets — documented data lineage, field definitions, and transformation logic throughout the ETL process.
- Built Power BI dashboards with DAX measures tracking Revenue, ADR (Average Daily Rate), RevPAR, and Occupancy rate across time periods and segments — DAX-driven insights improved occupancy planning accuracy by 15%; dashboards adopted for regular business reporting.

## EXPERIENCE

### AI / Data Analytics Intern | VOIS

*Sep – Oct 2025 | Remote*

- Analysed 100K+ records using SQL and Python — performed data quality checks, identified inconsistencies, conducted root cause analysis, and delivered cleaned datasets and trend reports to business stakeholders on a weekly basis.
- Engineered automated data pipelines reducing ad-hoc analysis time; participated in Agile sprint cycles, contributed to backlog, and presented analytical findings at team demos.

### Data Analyst Intern | Infosys Springboard

*Sep – Nov 2025 | Remote*

- Designed and maintained Power BI dashboards with DAX-driven KPI tracking (revenue, performance metrics) — collaborated with cross-functional stakeholders to gather reporting requirements; dashboards adopted by the reporting team for weekly management reviews.
- Cleaned, transformed, and validated datasets using Python and Excel; applied dimensional modelling best practices to restructure analytical datasets, improving dashboard query performance.

### AI/ML Intern | Spark To Ideas

*Feb – Mar 2025 | Remote*

- Developed Python-based NLP text classification pipeline — applied OOP principles, engineered text features, debugged model outputs, and delivered documented solution within Agile sprint cycles.

## EDUCATION

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**B.E. Information Technology | Savitribai Phule Pune University**

*CGPA: 8.40 / 10 | Expected Jun 2026*

*Relevant Coursework: DBMS, Statistics, Data Structures, OOP, Computer Networks, Operating Systems*

## CERTIFICATIONS & ACHIEVEMENTS

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Oracle Generative AI Professional | Cisco Data Analytics Essentials | Infosys Power BI Visualisation | SAP Data Analytics (Foundation & Advanced) | IBM Enterprise Data Science | NIIT Advanced Data Analyst Program | Google Cloud Arcade — 150+ Labs (Premium Milestone)  
HackerRank SQL: 4-Star Gold Badge | Naukri Young Turks Qualifier (95%) | Top 10 — Pan India Hackathon (Codelite)