

# Sakaar Mathur

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🌐 Sakaar Mathur

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🔗 portfolio: <https://mathursakaar15.github.io/Portfolio/>

## Technical Skills

### Power BI

Data Modeling, DAX, Power Query, KPI Dashboards, Report Automation, Data Storytelling

### Excel

Pivot Tables, XLOOKUP, Data Cleaning, Advanced Charts

### ETL Concepts

Data Cleaning, Transformation, and Loading

### SQL

Data Extraction, Joins, Aggregations, Query Optimization, Ad-hoc Reporting

### Data Analytics

KPI Design, Business Metrics, Business Performance Reporting, Data-driven Decision Making

### Additional Skills

- Python (Pandas, NumPy, Matplotlib/Seaborn for EDA & visualization)
- Statistics (Descriptive, Summarization)

## Projects

### Liquor Vendor Performance Analysis – Retail Inventory & Sales | SQL, Python, Power BI

Objective: Analysed vendor efficiency and profitability to support strategic purchasing and inventory decisions.

- Developed and optimized a **SQL ETL pipeline** with CTEs and filtering, reducing query processing time and creating a clean aggregated dataset for analysis.
- Performed **EDA and hypothesis testing in Python** to evaluate vendor profitability, pricing effectiveness, and inventory turnover, uncovering that the **top 10 vendors made up 65.7% of purchases** and identifying **\$2.71M in unsold inventory**.
- Built **Power BI dashboards** to visualize vendor performance, profit margins, and bulk purchase impact (**72% cost reduction**), delivering actionable insights for **strategic purchasing and inventory optimization**.

### CA Hospital Analytics Dashboard | power BI

Objective: Built an interactive healthcare analytics dashboard using Kaggle's CA Hospital dataset to monitor billing performance, patient demographics, and procedure costs.

- **Developed** a Power BI solution by cleansing and standardizing raw CSV data in **Power Query**, designing a star schema model, and creating 20+ **DAX measures** for KPIs including Total Billing, Paid Amounts, Insurance Coverage, Discounts, and Avg Billing per Patient.
- **Implemented** time-intelligence calculations, departmental and procedure-level cost analysis, and interactive slicers (city, department, payment method) to enable granular, self-service insights.
- **Delivered** actionable findings on top-billing departments, high-cost procedure categories, and weekday/weekend revenue trends, visualized through KPI cards, maps, bar charts, pie charts, and variance charts.

### Blinkit Grocery Sales Dashboard | Power BI, Python

Objective: Designed and developed an interactive sales performance dashboard for BlinkIT grocery data to analyze revenue trends, outlet performance, and product category insights.

- Designed and developed an interactive **sales performance dashboard** by cleansing raw CSV data with **Power Query** and creating **DAX measures** for KPIs such as Total Sales, Average Sales, Number of Items, and Average Rating.
- Implemented **dynamic parameter switching, custom slicers, and filters** (Location, Outlet Size, Item Type) to enable user-driven, granular analysis.
- Delivered insights on **top-performing outlets, product categories, and sales distribution by fat content**, supported by **KPI cards, bar charts, donut charts, and YoY trend visualizations**.

## Education

09/2020 – 09/2023  
Indore

**Bachelor of Business Administration (BBA) - Business Analytics**  
Prestige Institute of Management and Research

## Other Experience

01/2024 – 02/2025  
Bilaspur

**Freelance Business Analytics & Reporting Support – Cake Walkers Bakery**  
— Self-employed

- Partnered with the bakery owner to define **KPIs and reporting needs**, digitized **two years of handwritten sales/inventory data**, and automated daily reporting in **Power BI**, cutting manual record-keeping effort by **80%**.
- Built interactive dashboards to track **daily revenue, product contribution (cakes 45%, pastries 30%, beverages 25%), peak-hour sales, and repeat customers**, enabling better product mix, staffing, and pricing decisions.
- Delivered insights on **top-selling products and seasonal demand**, driving a **25% sales uplift (~₹3.5 lakh annually)**, while introducing metrics such as **cost-per-item, wastage %, and stock variance** that reduced ingredient waste by **15%** and improved profit margins.

## Certifications

• Power BI Data Analyst Certificate | 08/2025

• Microsoft Power Platform Fundamentals | 06/2025

• SQL for Data Science | 05/2025

• MS Office Expert | 12/2020