

# Sakaar Mathur

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🌐 Sakaar Mathur

🔗 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

### Tableau

Dashboards, Filters, Charts, Data Visualization

### SQL

Data Extraction, Joins, Aggregations, Query Optimization

### Data Analytics

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

### Related Skills

- Python (Pandas, NumPy, Matplotlib/Seaborn for EDA & visualization)
- Tools (Jupyter Notebook, R Studio, MySQL)
- Statistics (Descriptive, Summarization)
- Git
- R Programming

## 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 / Freelance

03/2024 – 07/2024  
Work From Home

**Freelance Business Analytics & Reporting Support**  
Innovexis

- Collected, cleaned, and analyzed multi-source datasets (500K+ rows) using Python, SQL, and Excel to enhance data accuracy and reliability.
- Designed and deployed 8+ interactive Power BI dashboards to track KPIs, providing real-time visibility into performance and enabling faster decision-making.
- Delivered insights for 3+ strategic initiatives, supporting process optimization and cost-effective business strategies.

09/2024 – 01/2025  
Work From Home

**Freelance Data Analytics & Product Insights Support**  
Renske Technologies Inc

- Collected, cleaned, and organized data from multiple sources to improve data reliability and support performance tracking.

- Conducted exploratory data analysis (EDA) and statistical evaluations to uncover trends, anomalies, and actionable insights.
- Built dashboards and visualizations using PostHog and BI tools to track user behavior, product performance, and KPIs, enabling data-driven improvements to product and content strategy.

**Certifications**

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| • Power BI Data Analyst Certificate   08/2025 <a href="#">↗</a>     | • SQL for Data Science   05/2025 <a href="#">↗</a> |
| • Microsoft Power Platform Fundamentals   06/2025 <a href="#">↗</a> | • MS Office Expert   12/2020                       |
| • Business Analytics   06/2023                                      |  |