

Professional Portfolio

Data Analytics & Dashboard Projects

Sejal Kapoor

Data Analyst | Excel | SQL | Power BI | Research

Profile Summary

Data & Research Analyst | Economics | SQL | Power BI | Excel

I am a Data & Research Analyst with a Master's degree in Economics from TERI School of Advanced Studies, passionate about transforming data into meaningful insights and actionable business solutions.

I have experience in data analysis, research, database management, reporting, and business intelligence, with hands-on knowledge of SQL, Power BI, Microsoft Excel, and data visualization.

My portfolio showcases projects focused on sales analytics, business dashboards, KPI reporting, and data-driven decision-making. I combine strong analytical thinking with research and economic understanding to identify trends, solve problems, and communicate insights clearly.

Seeking opportunities in: Data Analytics • Business Intelligence • Research Analytics • Business Analysis • Market Research • MIS & Reporting

About Me

I combine an analytical background in Economics with practical data analytics skills to solve business and research problems. My experience includes data analysis, database management, research, reporting, and dashboard development. I enjoy working with data to identify trends, measure performance, uncover insights, and communicate findings through simple and effective visualizations.

Profiles

GitHub Profile- [Sejal Kapoor Git hub](#)

LinkedIn Profile – [Sejal LinkedIn](#)

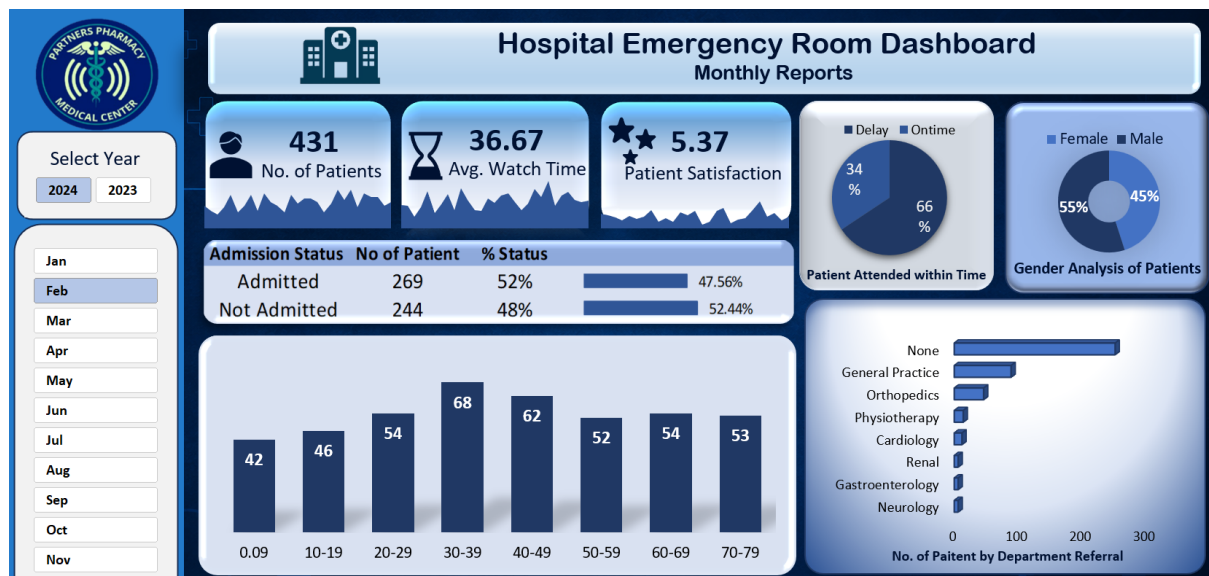
Email- sejalkapoor02@gmail.com

Resume- [Sejal Kapoor Resume](#)

Projects

1. Hospital Emergency Room Dashboard| Microsoft Excel

Developed an interactive healthcare dashboard to analyze patient flow, wait times, satisfaction scores, admission status, and department referrals. Used Pivot Tables, Pivot Charts, Slicers, and KPI cards to create dynamic reporting and support data-driven decision-making.



Key Insights:-

- Identified patient attendance and admission patterns across different periods.
- Compared on-time versus delayed attendance to highlight potential operational bottlenecks.
- Analyzed department referrals to understand which departments receive the highest patient demand.
- Evaluated age and gender distribution to understand patient demographics.
- Monitored wait time and satisfaction to identify opportunities for improving the patient experience.

GitHub Repository: [Hospital-Emergency-Room-Excel-Dashboard](#)

2. Amazon Sales Dashboard | Microsoft Excel

Built an interactive e-commerce sales dashboard to analyze revenue, orders, customer behavior, product performance, and sales trends. Designed dynamic KPIs and visualizations using Pivot Tables, Pivot Charts, Slicers, and Excel dashboard techniques.



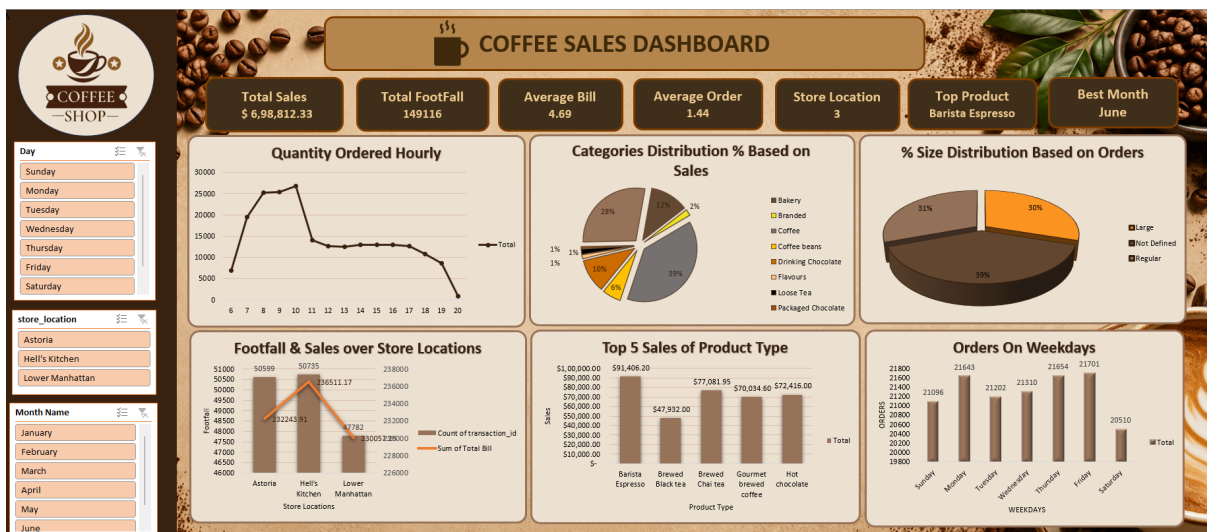
Key Insights: -

- Identified monthly sales trends and compared performance across periods.
- Determined the highest-performing product categories.
- Identified top-selling products contributing to overall revenue.
- Analysed payment and order status to identify completed, pending, cancelled, or returned transactions.
- Evaluated country-wise sales distribution to identify stronger geographic markets.
- Used AOV and order metrics to understand customer purchasing behaviour.

GitHub Repository: [Amazon-Sales-Excel-Dashboard](#)

3. Coffee Shop Sales Dashboard | Microsoft Excel

Created an interactive Coffee Shop Sales Dashboard to analyze revenue, product performance, sales trends, and customer purchasing patterns, providing a clear view of business performance.



Key Insights: -

- Identified best-performing products based on sales/revenue.
- Analyzed monthly and daily sales patterns to identify high- and low-demand periods.
- Identified products/categories contributing the largest share of revenue.
- Evaluated customer purchasing patterns to understand peak business periods.
- Highlighted opportunities for inventory planning, staffing optimization, and promotional campaigns.

GitHub Repository:: [Coffee-Shop-Sales-Dashboard](#)

Academic Projects

Summary (Recent Graduation)

Master of Science (M.Sc.) in Economics (2024-2026)

TERI School of Advanced Studies, New Delhi

I pursued my Master's degree in Economics, developing a strong foundation in economic theory, quantitative analysis, statistics, econometrics, research methodology, and data interpretation. The program strengthened my analytical and problem-solving abilities and helped me develop a structured approach to evaluating data and drawing evidence-based conclusions.

Projects

1. **Master Thesis –** [Efficacy of Sanitation Programs on Public Health in Uttar Pradesh](#)
A quantitative study examining the impact of sanitation programs, particularly the Swachh Bharat Mission, on public health outcomes in Uttar Pradesh using NFHS-3 and NFHS-5 data. The study applies descriptive analysis, correlation, and multiple regression to assess relationships between sanitation indicators and diarrhea, stunting, infant mortality, and anemia. The findings show that improved toilet coverage and drinking-water access were associated with better health outcomes, while open defecation was consistently linked to poorer outcomes.
2. **Term Paper I-** [Impact of Global Trade Policy on Food Security in Developing Countries](#)
A research paper examining how global trade policies affect food security in developing countries, focusing on tariffs, agricultural subsidies, export restrictions, market liberalization, and food-price volatility. Using qualitative analysis, secondary data, and country case studies, the paper finds that trade can improve food availability but can also increase vulnerability to global price shocks and import dependence. It recommends balanced trade policies, stronger regional food reserves, diversified imports, reduced trade-distorting subsidies, and greater policy flexibility for developing countries.
3. **Term Paper II-** [Economic Evaluation of the National Clean Air Programme \(NCAP\) from a Health Perspective](#)
A research paper evaluating the National Clean Air Programme (NCAP) in India from a public health and economic perspective. It examines the health impacts and economic costs of air pollution, NCAP's policy measures and implementation

challenges, and its potential health benefits. The paper recommends prioritizing PM_{2.5} reduction, strengthening monitoring and accountability, improving fund utilization, adopting an airshed-based approach, and integrating health-economic assessments to improve NCAP's effectiveness.

4. **Term Paper IV-** [Cost-Benefit Analysis of Decentralized Wastewater Treatment Systems in Urban Slums](#)

A cost-benefit analysis of Decentralized Wastewater Treatment Systems (DEWATS) as a sustainable sanitation solution for urban slums and underserved communities. The study evaluates their economic, health, environmental, and social benefits, using case studies from India. It finds that DEWATS can reduce healthcare costs, enable water reuse, lower environmental pollution, and improve sanitation and community well-being, while requiring relatively low energy and maintenance.

Thank you for exploring my portfolio.

I'm passionate about turning **data and research into meaningful insights and actionable solutions**. I'm currently open to opportunities where I can apply my analytical, research, and problem-solving skills to create measurable impact.

Open to opportunities in:

Data Analytics • Research Analytics • Business Intelligence • Business Analysis • Market Research • MIS & Reporting • Associate