Sakshi Jain

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PROFESSIONAL SUMMARY

Detail-oriented data enthusiast with strong expertise in Python, Excel, SQL and Power BI. Proficient in data manipulation, analysis and creating dynamic dashboards to drive actionable insights. Recently enhanced my skills through practical projects, focusing on data visualization, reporting and decision-making support. Eager to leverage my technical proficiency and analytical mindset in a data-driven role to contribute to organizational success.

EDUCATION

Master of Computer Applications (Computer Applications) 2021 - 2024
National Institute Of Technology Karnataka, Surathkal Grade: 8.21/10.0

Bachelor of Computer Applications (Computer Applications) 2017 - 2020
Sanskar College Of Professional Studies, Indore, M.P. Grade: 73.2%

Intermediate (Class XII) 2016 - 2017
Success Higher Secondary School, Shamgarh, M.P. Grade: 85.8%

Matriculation (Class X) 2013 - 2014
Smt. Kamala Saklecha Gyan Mandir Bhanpura, M.P. Grade: 7.6/10.0

EXPERIENCE

Business Intelligence November 2025 - March 2026
Angstrom Education *Work From Home*

- Collected and structured **course review data and feedback logs in SQL**, Identifying recurring usability issues, content gaps, and improvement opportunities across course modules.
- Performed **data cleaning and exploratory data analysis using Python (Pandas, NumPy)** to categorize learner feedback into actionable themes such as content clarity, assessment quality, and platform usability.
- Developed **data visualizations using Matplotlib and Seaborn** to uncover patterns in learner feedback across different course modules.
- Collaborated with internal teams to deliver **data-driven recommendations and insight reports,** highlighting course improvement and enhancing navigation, assignment clarity, and overall learner experience.

INTERNSHIPS

Analytics Internship February 2024 - January 2025
Qualfon Advanced Technology Center, Gurugram *Gurugram*

- **Developed and optimized complex SQL queries** to extract actionable insights from employee performance and HR data.
- Identified risk zones (Red, Yellow, Green) by analyzing key metrics such as **performance scores, attendance and attrition indicators**.
- Collaborated with cross-functional teams to **define KPIs and design dashboards** that highlighted critical workforce trends.

  Skills: SQL, Power BI, Excel, Lookup functions, Dashboard, Data visualization, Data Analysis

PROJECTS

Hotel Booking Analysis December 2025

- **Analyzed 119k+ booking records** using Python to identify seasonal trends, achieving 100% data integrity by handling missing values and removing **31,990 duplicates.**
- **Optimized data processing and strategic analysis** by engineering custom metrics (Total Stay/People).
- Uncovered a **25% higher booking preference** for City Hotels, driving data-driven recommendations for marketing and resource allocation.
- **Identified 37% cancellation trends** linked to lead times and proposed a non-refundable model to mitigate revenue leakage and improve forecasting.

- **Evaluated ADR pattern and visualized complex behavior** through 20+ charts (Seaborn/Matplotlib) to optimize dynamic pricing and drive business insights.

Columbia Asia Hospital Analysis   June 2025

- Recommended staffing improvements in high-revenue departments like Orthopedics **(173M)**, boosting profitability.
- Increased satisfaction by **10%** by focusing on groups like Pacific Islanders **(5.08)**.
- Improved patient retention by **8%** with discounts **12.46%** of patients spending over **10,000**
- Provided data-driven strategies to enhance promotions and drive business growth.

Skills: PowerBI-(Power Query, Power Pivot, Data Modelling, Visualization, DAX)

Chinook Music Store Data Analysis   June 2025

- Leveraged **SQL queries to aggregate and transform data**, enabling the identification of top-selling products and peak.
- Utilized advanced queries in **revealing key insights** on churn rates, customer behavior and genre performance.
- **Extracted valuable insights** into sales trends, popular genres, customer preferences, contributing to boost sales and operational efficiency.
- Provided **data-driven strategies** to enhance promotions and drive business growth.

Skills: SQL, Data Visualization, Data Analysis

Astrosage Data Analysis   March 2025

- An initial investment of **Rs.1** Crore was made in Astrosage, with a detailed analysis conducted to ensure effective fund utilization and growth.
- Conducted comprehensive data analysis on platform activities to uncover key user behavior patterns.
- **68%** of consultations were failed or incomplete, affecting customer retention, while only **57%** of calls came from repeat customers.
- **52.8%** of agents received ratings below 4, with calls generating the highest revenue, while chats had the most user interactions.
- Implemented visualizations to support decision-making, boosting customer satisfaction and profitability.

Skills: Excel, Pivot Table, Data Visualization, Dashboard, Data Analysis, Predictive Modelling

CERTIFICATIONS

Professional Certificate Course In Data Science Newton School   February 2025

- Proficient in Excel, Advanced SQL, and Power BI, with hands-on experience in solving real-world business problems through data-driven projects.

SQL (Intermediate) Certificate Hacker Rank (Link)   September 2023

- Completed SQL certification on Hacker Rank, demonstrating a comprehensive understanding of complex joins, unions and sub-queries

SKILLS

Computer Languages: Machine Learning, Python, SQL
Data Tools: NumPy, Power BI
Software Packages: Pandas, Matplotlib, Excel, MySQL
Soft Skills: Leadership, Decision-making, Creativity, Teamwork, Critical Thinking, Communication Skills
Others: Tableau, Git and Github, Spreadsheet, Analytics