

Nikhil Karaka

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Professional Summary:

Data Science graduate with proven expertise in data import, cleaning, transformation, and analysis using MySQL, Python, Excel, and Power BI. Skilled in EDA, ETL, and ad hoc analysis to uncover actionable business insights. Adept at ensuring data accuracy and building impactful dashboards that drive strategic decisions. Committed to applying strong technical and problem-solving skills to accelerate organizational growth as a data analyst.

Education:

Avanthi Institute of Engineering and Technology | Vizianagaram, Andhra Pradesh

- B. Tech | CSE (Data Science) | 2021-2025 | CGPA: 7.59

Sri Chaitanya Junior College | Vijayawada, Andhra Pradesh

- Intermediate | M.P.C | 2019-2021 | Percentage: 92.8 %

Skills:

Technical Skills:

- SQL (MySQL)
- Python (Pandas, NumPy, Matplotlib, Seaborn)
- Exploratory Data Analysis (EDA)
- Power BI (Dashboarding & Data Visualization)
- Data Modeling, Cleaning, Transformation
- Excel (Advanced Functions & Pivot Tables)

Soft-Skills:

- Effective Communication & Data Storytelling
- Analytical, Critical thinking & Problem Solving
- Team Collaboration & Leadership Potential
- Adaptability, Time Management & Attention to Detail

Projects:

Fortune Group of Hotels Hospitality Analysis (Power BI, Excel)

[Live Report](#) | [GitHub](#)

- Analyzed data from 7 cities and 8 properties with Power BI, created report tracking occupancy, cancellations, and revenue.
- Discovered ₹199M revenue loss from 24% cancellations and identified Mumbai as the top revenue city with ₹669M (30% of total), with Week 29 as the peak revenue period.
- Recommended pricing and direct booking incentives to cut cancellations by 10-15% and boost market share by 5-7%.

Zentrix Technologies Sales Analysis (Power BI, MySQL)

[Live Report](#) | [GitHub](#)

- Analyzed multi-branch sales data across India and created 4 Power BI dashboards covering revenue, profit, performance, and forecasting.
- Discovered a 2020 revenue decline with Delhi driving 52.8% of sales but delivering a low 2.3% profit margin, while identified Surat as a smaller yet higher-margin market at 4.86%.
- Identified ElectricalSara Stores as top customer (42% revenue, 38% profit), noted January as peak sales, and recommended targeting Surat and Brick & Mortar customers to improve profits.

Amazon Adhoc Sales Analysis (MySQL)

[GitHub](#)

- Designed relational database schema with 20+ transaction columns, ensuring data integrity using NOT NULL constraints..
- Developed SQL scripts to create computed columns (timeofday, dayname, monthname) for enhanced temporal analysis.
- Conducted comprehensive sales analysis on 10,000+ transactions across 3 branches, leveraging advanced SQL to identify key revenue drivers, product trends, and customer behavior, enabling strategic, data-driven business decisions.

Bank Loan Analysis (Excel)

[GitHub](#)

- Built end-to-end loan Report with MTD/MoM KPIs, Good/Bad segmentation, insights enabling rapid risk-profitability decisions.
- Drove risk insights shaping credit strategy: flagged Small Business underperforming (25.62% charged-off) and Debt Consolidation largest charged-off segment (2.7k), enabling targeted controls.
- Optimized portfolio with grade analytics: Grade A best quality (94.3% good); Grade B revenue engine (\$140.8M received, 10k fully paid). Identified December, California, 36-month, 10+ years, Mortgage segments.

Certifications & Achievements:

- Data Science Professional – Odin School
- Gold Level Badge in SQL from HackerRank.