RAHIL GALA

Email | LinkedIn | GitHub | Portfolio
Mumbai, Maharashtra, India

PROFESSIONAL SUMMARY

Aspiring Data Analyst with hands-on expertise in SQL, Python, Power BI, and Tableau. Proven ability to transform raw, messy datasets into actionable insights through advanced data cleaning, statistical analysis, and visualization. Completed professional simulations with Deloitte Australia and BCG. Strong foundation in ETL processes, data manipulation, and dashboard development with 4+ analytics projects demonstrating technical proficiency.

EDUCATION

Narsee Monjee College of Commerce and Economics   Mumbai, India
Bachelor of Science in Information Technology — CGPA: 9.16/10.0   *Jul 2023 – Apr 2026*
- Relevant Coursework: Data Analysis, Software Engineering, Algorithms, Artificial Intelligence, Operating Systems

TECHNICAL SKILLS

Data Analysis: Power BI, Tableau, Excel (Advanced), Statistical Analysis, Business Intelligence, Predictive Analytics
Programming: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL (MySQL, MS SQL Server), Java, C++, JavaScript
Data Engineering: ETL Processes, Data Cleaning, Data Transformation, Data Modeling, Database Design
Tools: MySQL Workbench, Jupyter Notebook, Git, VS Code, Adobe Creative Suite, HTML5, CSS3

DATA ANALYTICS PROJECTS

IMDB Movie Dataset Cleaning & Standardization | *MySQL, Data Cleaning, ETL*   Mar 2025
- Executed comprehensive data cleaning pipeline on 250+ IMDB records using MySQL 8.0, reducing corrupted values from 30% to 0% through systematic quality improvement processes
- Performed advanced text cleaning including UTF-8 encoding corrections and special character handling to fix corrupted titles
- Standardized 10+ inconsistent date formats into ISO YYYY-MM-DD format, correcting invalid dates and creating properly typed DATE column for temporal analysis
- Engineered transformation logic to clean numeric fields (income, votes, scores), removing currency symbols, separators, and invalid characters, converting to BIGINT/DECIMAL types
- Designed production-ready table with 11 analysis-ready columns and exported clean CSV for downstream analysis

NIFTY 50 Market Analytics Dashboard | *Power BI, DAX, Financial Analysis*   Apr 2024
- Engineered Power BI dashboard analyzing NIFTY 50 market data with 15+ KPIs including turnover, volatility, price changes, and market capitalization across 50 stocks
- Implemented advanced DAX calculations for sector-wise performance, ROE comparisons, and profit margin visualizations
- Designed interactive drill-down capabilities with slicers for 11 industry sectors, identifying 12% average monthly volatility patterns
- Built industry-wise, sector-wise, and profit-based comparative analysis supporting data-driven investment strategies

Hotel Booking Revenue Optimization | *Python, Pandas, NumPy, Matplotlib*   Sep 2024
- Analyzed 134,000+ hotel booking records using Python and Pandas, performing data cleaning, outlier detection, and missing value imputation achieving 99% data quality
- Conducted occupancy analysis across 6 cities and 8 room types, uncovering 18% revenue differential between weekday/weekend bookings
- Performed month-over-month revenue trend analysis and seasonal decomposition, generating pricing recommendations projected to increase revenue by 15%
- Developed predictive models for booking patterns achieving 82% accuracy; created visualizations using Matplotlib and Seaborn

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Deloitte Australia - Data Analytics Job Simulation — Applied analytics to business case studies
BCG - Introduction to Data for Decision Makers Job Simulation — Strategic data-driven decision making
Advanced Microsoft Excel Training — Advanced formulas, pivot tables, macros, data analysis
Power BI Crash Course — Dashboard creation, DAX, data modeling