Sachin Kannaujiya

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Profile Summary

Computer Science undergraduate with strong interest in **Data Analytics and Business Analysis**. Hands-on experience using **Python, SQL, Excel, and Power BI** to clean, transform, and visualize structured datasets. Skilled in interpreting trends, analyzing user behavior, and presenting insights in structured decision-oriented formats. Comfortable translating analytical findings into measurable and business-driven recommendations.

Education

Indian Institute of Information Technology, Kota   2022 – 2026
B.Tech, Computer Science and Engineering

Core Skills

Data Analysis & Insights: EDA, Data Cleaning, Trend Interpretation, Insight Generation, KPI Monitoring
Programming & Querying: Python, SQL, MySQL (Joins, Subqueries, Aggregations, Data Validation)
Data Visualization: Power BI (DAX, Dashboards), Tableau, Excel Reporting, Matplotlib
Business Applications: Customer Churn Analysis, Sales Analytics, Payroll Reporting, Performance Tracking
Tools & Platforms: Power BI, Excel, Jupyter Notebook, VS Code, Git, Linux
Analytical Strengths: Structured Problem Solving, Data Interpretation, Pattern Recognition, Business Reporting

Academic Projects

• Sales Performance Analytics Dashboard ⍟   2024
- Analyzed sales interaction data using Python and SQL to extract detailed engagement and sentiment metrics.
- Cleaned and structured raw datasets to ensure consistency, reliability, and analytical accuracy across reporting.
- Built interactive Power BI dashboards to monitor sales performance and communication effectiveness trends.
- Identified performance bottlenecks and provided structured data-driven recommendations for productivity improvement.
- Presented insights in a business-focused format to support strategic and operational decision-making processes.
- Optimized SQL queries to enhance reporting efficiency and improve overall dashboard performance responsiveness.
- Automated recurring reporting tasks to streamline performance tracking and reduce manual analysis effort.

• Customer Churn Analysis Project ⍟   2024
- Developed a churn analysis workflow using Python and SQL to evaluate long-term customer retention behavior.
- Performed exploratory data analysis and segmentation to identify high-risk churn customer segments.
- Analyzed engagement trends and service usage patterns to determine primary behavioral churn drivers.
- Designed Power BI dashboards to visualize lifecycle stages, churn indicators, and segmentation insights clearly.
- Converted analytical findings into structured recommendations to support customer retention planning.
- Applied preprocessing techniques to enhance dataset quality and strengthen predictive model input reliability.
- Conducted comparative trend analysis to evaluate retention strategy effectiveness over time.

• Employee Payroll Database and Analytics ⍟   2025
- Designed and implemented a structured payroll database to manage salary, attendance, tax, and bonus records.
- Wrote optimized SQL queries to analyze salary distribution, deductions, incentives, and attendance metrics.
- Applied validation and schema consistency checks to minimize reporting inaccuracies and transactional errors.
- Generated analytical reports to support HR planning, payroll auditing, and operational performance monitoring.
- Improved payroll reporting clarity through structured dashboards and well-organized data presentation.
- Refined query structures and ensured normalized schema design to enhance database scalability and efficiency.
- Implemented structured documentation to improve database maintainability and reporting transparency.

Achievements

- Achieved Codeforces Highest Rating of 1200+, demonstrating strong logical reasoning and analytical ability.
- Earned CodeChef Highest Rating of 1420 (2), reflecting consistent competitive programming practice.
- Ranked among the Top 300,000 participants in the Coding Ninjas India Grand Contest.
- Secured Top 10 positions in two regional hackathons by delivering practical, data-driven project solutions.
- Regularly practice problem-solving to strengthen data handling and analytical thinking skills.

Extracurricular Activities

Finance Team Member & Cricket Team Captain — IIIT Kota   2022 – 2024
- Analyzed event-related financial data and optimized budgets using Excel-based tracking systems.
- Assisted in financial planning and monitored expenses to support cost-efficient decisions.
- Led team coordination, strategic planning, and performance evaluation as Cricket Team Captain.
- Actively participated in technical and cultural event organization at the institute.