

Gautam Kumar

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Noida, India

Professional Summary

Data Analyst with a B.Tech in ECE and 3+ years of experience in EdTech and analytics. Skilled in SQL, Python, Excel, and Power BI with hands-on experience in data wrangling, dashboard creation, and business intelligence reporting. Adept at turning raw data into actionable insights through data storytelling and visualization. Certified in Data Science and Excel Analytics.

Technical Skills

- Languages & Tools: SQL, Python, Excel, Power BI, MySQL, Pandas, Matplotlib, DAX
- Data Handling: Data cleaning, preprocessing, pivot tables, data wrangling, VLOOKUP
- Visualization & BI: Power BI dashboards, data storytelling, slicers, charts, dynamic reporting
- Soft Skills: Analytical thinking, problem-solving, detail orientation, communication

Certifications

- Certified Data Science Professional – OdinSchool, Mar 2025
- Excel for Data Analysts – WsCube Tech, Feb 2025
- Python Programming Course – Trisect Institute, Apr–May 2021

Projects

1. UPI Transaction Analysis Dashboard

- Situation: Needed a BI dashboard to monitor and analyze UPI transaction trends.
- Task: Design a dashboard for business stakeholders to gain actionable insights.
- Action: Used Power BI to visualize transaction volume by time, region, and user type. Implemented slicers, drill-through pages, and DAX measures for deeper insights.
- Result: Improved transaction trend tracking by 40%, enabling better decision-making.

2. 2. OTP Email Automation System

- Situation: Required secure and automated OTP email system for user authentication.
- Task: Develop a system that generates and sends OTPs via email.
- Action: Wrote Python scripts using smtplib and random. Implemented secure exception handling.
- Result: Automated OTP dispatch with >95% delivery success rate in test environments.

3. 3. Student Tracker System

- Situation: Needed to track and manage student attendance, registration, and performance.
- Task: Design a relational database and reporting system.
- Action: Built normalized tables, wrote advanced SQL queries (joins, subqueries, views).
- Result: Reduced manual reporting time by 60% and improved data accuracy.

Professional Experience

4. PhysicsWallah | Educator

- Situation: Company was expanding into data training and analytics education.
- Task: Lead training and guide students on Python, SQL, and analytics.
- Action: Conducted 50+ sessions, created hands-on projects, and tracked performance.
- Result: Mentored 500+ students and improved engagement by 30%.

5. Focus Edumatics Pvt. Ltd. | Educator

- Situation: Aimed to personalize learning with student performance data.
- Task: Analyze data to guide and improve student learning outcomes.
- Action: Assessed student data, created improvement plans.
- Result: Improved outcomes for 80% of students, reduced drop-off by 15%.

Education

Bachelor of Technology (B.Tech) – Electronics and Communication Engineering
SHUATS, 2016 — First Division