Aditya Kumar

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Profile

Final-year Computer Science Engineering student focused on Data Analytics, with hands-on experience in SQL, Python, Excel, and Power BI. Built end-to-end business intelligence projects involving data cleaning, exploratory data analysis, data modeling, KPI development, root cause analysis, and interactive dashboarding. Strong ability to translate raw data into clear insights and support data-driven decision-making.

Skills

Technical: SQL, Python, Power BI, Tableau (working knowledge), Excel, DAX, Pandas, NumPy, SQL Server, Data Modeling, Git, GitHub

Analytics: Data Cleaning, Data Transformation, Exploratory Data Analysis (EDA), KPI Analysis, Business Intelligence, Data Visualization, Root Cause Analysis, Statistical Analysis

Interpersonal: Stakeholder Communication, Analytical Thinking, Problem Solving, Teamwork, Adaptability

Data Analytics Projects

Customer & Business Performance Analytics GitHub

Python | SQL Server | Power BI | DAX

- Built a retail analytics solution covering 1.03M+ transaction records across sales, customers, products, returns, and geography.
- Cleaned and transformed data using Python and Pandas, handling duplicates, invalid records, returns, and missing customer IDs.
- Developed SQL Server analysis using aggregations, CASE logic, analytical views, and time-based reporting to identify business patterns.
- Designed a four-page Power BI dashboard with DAX KPIs, interactive slicers, and Top-N analysis for revenue, customers, products, and returns.

Smart Learning Progress Tracker (SLPT) GitHub

SQL | Python | Excel | Power BI

- Analyzed LMS data covering 32K+ students and 10M+ interaction records to evaluate performance, engagement, and academic risk.
- Cleaned and transformed LMS data using Python and Excel, performing EDA, feature engineering, and student segmentation.
- Developed SQL analysis using joins, CTEs, subqueries, aggregations, and window functions to generate performance insights.
- Designed an interactive Power BI dashboard covering performance, engagement, completion, and academic-risk KPIs.

Power BI Sales Analytics Dashboard GitHub

Power BI | DAX | Power Query | Data Visualization

- Analyzed sales across products, categories, customers, countries, and time, covering 100 orders and 102.53K in total sales.
- Created DAX KPIs for Total Sales, Orders, Customers, Average Order Value, and Monthly Growth.
- Developed an interactive Power BI dashboard using Power Query, slicers, and drill-down visualizations for sales trend analysis.

Education

Chandigarh University Aug. 2022 – 2026

B.E. in Computer Science and Engineering — Punjab, India

Govt. Boys Senior Secondary School Mar. 2021

Senior Secondary (CBSE) — Delhi, India

Certifications

- **Introduction to Databases** — Coursera, Mar. 2024
- **.NET Full Stack Mastery: Building Dynamic Web Applications** — Jun. 2024
- **Data Structures and Algorithms** — Physics Wallah, Oct. 2024
- **Internet of Things: Design Concepts and Use Cases** — NPTEL, Dec. 2024