Atul Kumar

Email Portfolio Website LinkedIn GitHub CodeChef LeetCode

Summary

Aspiring Data Analyst with hands-on experience in Python, SQL, Power BI, and data visualization. Skilled in data cleaning, exploratory data analysis, and building interactive dashboards to derive business insights. Strong analytical problem-solving abilities with exposure to machine learning and automation, seeking to contribute to data-driven decision-making.

Education

Birla Institute of Technology, Mesra   *2023 – Present*
B.Tech in Chemical Engineering- 7.83/10

Chinmaya Vidyalaya, Bokaro Steel City   *2021 – 2022*
Higher Secondary- 78.6 %

Technical Skills

Programming: C, C++, Python
Database & Tools: MySQL, DBMS, Power BI, MS Excel, Tableau
Data Analytics: Data Analysis, Data Modeling, Data Visualization Tools, Spreadsheet Skills
Cloud & Automation Skills: AWS, Google Cloud, Automation Bots
Web Development: HTML, CSS, JavaScript, Website Hosting, WordPress
Machine Learning: Regression, Classification, Clustering, Scikit-Learn, Pytorch

Projects

Credit Card Financial Report ⧉
- Designed an interactive Power BI dashboard with MySQL-based ETL pipelines for analyzing $55M+ transactions
- Delivered actionable insights into customer segments and revenue growth through analytics-driven visualization
- Tracked and visualized key metrics, including customer score (3.19) and total interest ($7.84M)

Diwali Sales Analysis ⧉
- Cleaned and analyzed 10,000+ sales records using Python to perform exploratory data analysis (EDA) and identify sales trends
- Evaluated customer purchasing behavior across demographics, product categories, and regions using visual analytics
- Delivered actionable insights that helped identify high-revenue segments and optimize sales strategy during the Diwali period

Excel Hyperlink Converter Bot ⧉
- Automated detection and conversion of 1,000+ text-based URLs into clickable hyperlinks in Excel files using Python
- Implemented file handling and regular expressions (regex) to process Excel data with 99% accuracy
- Reduced manual formatting effort by approximately 70–80% when working with large Excel datasets

Certifications & Job Simulations

Data Analyst Course: Complete Data Analyst Bootcamp - Udemy ⧉

Deloitte Australia Data Analytics Job Simulation - Forage ⧉

Position of Responsibility

Executive Member — IIChE Club, BIT Mesra   *Mar 2025 - Present*
- Collaborated in technical and data workshops focused on process optimization and visualization
- Contributed to increasing event participation by 25% through digital promotion and analytics for flagship event COALESENCE'25