

ATUL KUMAR

Education

Birla Institute of Technology, Mesra

Bachelor of Technology in Chemical Engineering

2023 – Present

Ranchi, India

Chinmaya Vidyalaya, Bokaro Steel City

Higher Secondary: Class: 11,12

2021 – 2022

Bokaro, Jharkhand

Relevant Coursework

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|----------------------------|-----------------------|-------------------------|-------------------|
| • Statistics & Probability | • AI Automation | • Machine Learning | • EDA |
| • Predictive Analytics | • Database Management | • Business Intelligence | • Data Structures |

Projects

Credit Card Financial Report

Power BI, MySQL

- Designed an interactive Power BI dashboard with MySQL-based ETL pipelines for analyzing \$55M+ transactions.
- Delivered actionable insights into customer segmentation and revenue growth through analytics-driven visualization.
- Tracked key KPIs including customer score (3.19) and total interest revenue (\$7.84M).

Diwali Sales Analysis

Python, Pandas, Matplotlib, Seaborn

- Cleaned and analyzed 10,000+ sales records using Python to perform exploratory data analysis (EDA).
- Evaluated customer purchasing behavior across demographics, product categories, and regions.
- Identified high-revenue customer segments to optimize sales strategy during the Diwali period.

Excel Hyperlink Converter Bot

Python, Regex, Excel Automation

- Automated conversion of 1,000+ text-based URLs into clickable Excel hyperlinks with 99% accuracy.
- Implemented Python file handling and regular expressions for efficient data processing.
- Reduced manual formatting effort by approximately 70–80% for large Excel datasets.

Technical Skills

Programming: C, C++, Python

Database & Tools: MySQL, DBMS, Power BI, MS Excel, Tableau

Data Analytics: Data Analysis, Data Modeling, Data Visualization, EDA

Cloud & Automation: AWS, Google Cloud, Automation Bots

Web Development: HTML, CSS, JavaScript, WordPress, Website Hosting

Machine Learning: Regression, Classification, Clustering, Scikit-Learn, PyTorch

Certifications & Job Simulations

The Data Analyst Course: Complete Data Analyst Bootcamp – Udemy

Deloitte Australia Data Analytics Job Simulation – Forage

Position of Responsibility

College Cultural Fest—Bitotsav

Mar 2025

Member

- Handled a team of 15 volunteers to organize a college cultural fest attended by 300+ participants, ensuring smooth execution and timely completion of all events.

Executive Member – IICChE Club, BIT Mesra

Mar 2025 – Present

Technical Activities

- Collaborated in technical and data workshops focused on process optimization and visualization.
- Increased event participation by 25% through data-driven digital promotion for COALESENCE'25.