

# ADITI RAWAT

7408250511 | arawat1@kent.edu | [www.linkedin.com/in/eraditirawat](https://www.linkedin.com/in/eraditirawat) | <https://github.com/aditi2495>

## SKILLS

- Power Bi for data visualization
- Data Analysis
- MySQL, PostgreSQL
- Excel, Power Query, Pivot tables
- Machine Learning and Deep Learning
- Basics of ELT, ETL processes
- Python programming and R basics

## EXPERIENCE

**TechnoColabs** | Indore, Madhya Pradesh/India

Feb 2022 – Dec 2023

*Data Analyst*

- Performed end-to-end data analysis and ETL processes using **SQL** and **Python** to clean, transform, and integrate large financial datasets, improving data accuracy by **25%** and reducing reporting time by **30%**.
- Analyzed customer transaction and engagement datasets provided by an e-commerce client using **Python (scikit-learn)** to build predictive models, helping the company reduce customer churn by **20%** through personalized retention strategies.
- Developed and automated **Power BI** dashboards to track logistics KPIs, including shipment status, delivery timelines, and warehouse efficiency, reducing manual reporting efforts by **40%** and enhancing operational visibility for supply chain managers.

**JNCT College** | Bhopal, Madhya Pradesh/India

Jan 2021 – Feb 2022

*Assistant Professor*

- Led and taught **Python, Machine Learning, and OOP's** courses to the Undergraduate and Graduate students of CSE and ML departments.
- Initiated the efforts to personally gather and manage 2000+ students' monthly performance data using **Excel pivot tables, Power Query, and advanced formulas to transform raw data into actionable insights.**
- **Analyzed and presented** the findings to the college management. This helped increase the overall performance of the students by **6%**. Developed automated reports and **dashboards** to visualize student performance metrics.

**MPC** | Bhopal, Madhya Pradesh /India

July 2017 – Jan 2018

*Assistant Professor*

- Taught object-oriented programming concepts and software engineering to students of the CSE department.
- Guided students through **real-world data-driven web projects**, including **database design** and implementation.

## EDUCATION

**Kent State University, Kent State** | Kent, OH

Graduated May 2025

*Master of Science* | *Specialization: Business Analytics*

**Relevant Courses:** Business Analysis, Data Visualization, Advance Data Mining and Predictive Analysis

**Jayoti Vidyapeeth Women's University** | Jaipur, Rajasthan/ India

Graduated Dec 2020

*Master of Technology* | *Specialization: Machine Learning*

**Rajiv Gandhi Proudhyogiki Vishwavidyalaya (R.G.P.V)** | Bhopal, Madhya Pradesh/India

Graduated May 2017

*Bachelor of Engineering* | *Majors: Computer Science and Engineering*

## ANALYTICS PROJECTS

- **Credit Card Customer & Transaction Analysis** | **Self-Initiated** April 2025  
Designed **Power BI dashboards** and **PostgreSQL** databases to analyze customer profiles, satisfaction, and transactions. Used SQL and Excel for **data wrangling** and real-time **KPI tracking** to drive business intelligence.  
Link: <https://github.com/aditi2495/Credit-Card-Financial-Dashboard>
- **Data Analysis using SQL** | **Self-Initiated** March 2025  
Built and analyzed a retail sales database in MySQL. Performed data cleaning, feature engineering, and advanced SQL queries for product performance, customer segmentation, and revenue insights to support data-driven decisions.  
Link: <https://github.com/aditi2495/Sales-Data-Analysis>
- **Capstone Project** | **Kent State University** May 2024 – July 2024  
**Water Quality Analysis**  
Analyzed 3,276 water samples using R; performed feature selection, data visualization, and classification modeling (**Decision Tree, Random Forest, SVM ,XGBoost**). Identified key predictors (pH, hardness, chloramines) and achieved 71% accuracy with SVM (F1-score: 0.79). Link: <https://github.com/aditi2495/Water-Quality-Prediction/tree/main>

## CERTIFICATES

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|-----------------------------------------------------------------------------|-----------------|
| 1. Advanced MYSQL for Data Analysis - “Analyst Builder”                     | Issued May 2025 |
| 2. Microsoft Power BI Desktop for Business Intelligence - “Analyst Builder” | Issued May 2025 |
| 3. Data Science Intern by TwiLearn - “EduTech”.                             | Issued Feb 2023 |
| 4. Data Analysis with Python - “Coursera”                                   | Issued Oct 2022 |
| 5. Microsoft Excel Masterclass - Basic to Advanced Level                    | Issued Jan 2022 |
| - “Learn With Lokesh Lalwani”                                               |                 |