

# ADITI RAWAT

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## SUMMARY

**Data Analyst with 3+ years of experience** and a **Master's in Business Analytics**, skilled in transforming complex data into meaningful insights. **Proficient in SQL, Python, Excel, and Power BI** for analyzing large datasets and creating dashboards to support **data-driven decisions**. Experienced in collaborating across teams to track performance, evaluate outcomes, and deliver clear, actionable findings. Strong foundation in data interpretation, reporting, and quality checks, with the ability to quickly adapt to fast-paced, structured environments such as finance and operations.

## SKILLS

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

## EXPERIENCE

**Ecocapita Consulting** | Bhopal, Madhya Pradesh/India Feb 2022 – Dec 2023

Data Analyst

- Analysed diesel-generator records provided by customer in **Python** and cut idle runtime **6%**, saving ₹4L/yr and 120T CO<sub>2</sub> via automated shutdown script.
- Built three **Power BI** dashboards for revenue, client engagement, and GHG baselines; eliminated **60 %** of manual Excel reporting time and enabled real-time KPIs.
- Utilized **SQL, Python, and Power BI** to cluster 15-minute meter and production data into tariff blocks, enabling off-peak scheduling of non-critical processes and resulted in reduction in energy usage and CO<sub>2</sub> emissions.

**JNCT College** | Bhopal, Madhya Pradesh/India Jan 2021 – Feb 2022

Assistant Professor

- Taught **Python**, machine-learning, and **OOPs** to 200+ undergraduates.
- Designed an **Excel + Power Query** pipeline that tracked 2000+ student records and identified at-risk students.

**MPC** | Bhopal, Madhya Pradesh /India July 2017 – Jan 2018

Assistant Professor

- Delivered **OOPs** and **software-engineering** lectures to 150+ students; introduced Git-based group projects and boosted project completion rate **15%**.
- Mentored 10 capstone teams on relational-database design and **SQL** query optimization.

## EDUCATION

**Kent State University, Kent State** | Kent, OH Graduated May 2025

Master of Science | Specialization: Business Analytics

**Jayoti Vidyapeeth Women's University** | Jaipur, Rajasthan/ India Graduated Dec 2020

Master of Technology | Specialization: Machine Learning

**Rajiv Gandhi Proudyogiki 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.

• **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.