

# DEVANSH RAI

Bhilai, India

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## PROFESSIONAL SUMMARY

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Data Science undergraduate with strong skills in SQL, Python, Excel, and Business Intelligence. Experienced in data cleaning, exploratory data analysis, dashboard creation, and writing advanced SQL queries for business insights. Proficient in analyzing large datasets, building KPI reports, and creating data-driven solutions using MySQL, Pandas, and visualization tools. Seeking Data Analyst Internship to apply analytical and problem-solving skills in real-world business scenarios.

## TECHNICAL SKILLS

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**Programming:** Python, SQL, Excel

**Libraries:** Pandas, NumPy, Matplotlib, Seaborn

**Database:** MySQL, SQL Queries, CTE, Window Functions, Data Modeling

**Data Analysis:** Data Cleaning, Exploratory Data Analysis, Statistics, KPI Analysis, Data Visualization

**Tools:** Power BI, Git, GitHub, VS Code, Google Sheets

## PROJECTS

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### Advanced SQL Business Analysis Project

MySQL, SQL

- Analyzed business performance using SQL on an e-commerce dataset with 20,000+ records
- Created database schema including customers, orders, products, regions, sales and profit
- Wrote advanced SQL queries using GROUP BY, CTE, Window Functions, RANK, ROW\_NUMBER
- Generated KPI reports including revenue by region, monthly trend, and top customers
- Implemented running totals, ranking, and partition-based analysis for business insights

### Electricity Consumption Analysis and Cost Prediction

Python, Pandas

- Cleaned and processed electricity dataset using Pandas for accurate analysis
- Performed exploratory data analysis to identify usage trends and peak consumption
- Built visualizations using Matplotlib to understand cost patterns
- Predicted future electricity cost using statistical analysis

### Sales Analytics Dashboard

Excel, Data Visualization

- Built interactive Excel dashboard using Pivot Tables, charts, and formulas
- Analyzed sales dataset to find revenue trends and regional performance
- Created KPI metrics to support business decision making

### EventFlow – Event Management Workflow Prototype

Google Sheets

- Designed workflow system using Google Sheets and Forms
- Automated event tracking and data collection
- Managed team collaboration using shared data dashboard

## EDUCATION

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B.Tech (Honors) in Data Science Chhattisgarh Swami Vivekanand Technical University, Bhilai Expected Graduation: 2028

Class XII (ICSE) – 76% Class X (ICSE) – 90%

## CERTIFICATIONS

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Power BI for Beginners — Simplilearn (Microsoft)

Python Certificate — HackerRank