Dev Agarwal

DATA ANALYST · BUSINESS ANALYST · DATA SPECIALIST

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PROFESSIONAL SUMMARY

Aspiring Data Analyst with a background in software development and 3+ years of coaching experience, blending analytical thinking with real-world leadership. Currently enrolled in the Data Science & Analytics Program by IIT Guwahati and Masai School, focusing on solving business problems using Python, SQL, Excel, Power BI, and Tableau.

Skilled in data cleaning, visualization, KPI dashboards, and presenting actionable insights. Actively building real-world projects and seeking opportunities to turn raw data into decision-driving stories.

TECHNICAL SKILLS

Data Analysis & BI Tools: Excel, Power BI, Tableau, Google Sheets, Microsoft Office Suite
Data Manipulation & Libraries: Python, pandas, NumPy, matplotlib, seaborn, Jupyter
Database & Querying: SQL, MySQL, Joins, CTEs, Subqueries, Window Functions
Data Handling & Reporting: Data Cleaning, Data Transformation, Dashboard Design, KPI Reporting **Version Control & Dev Tools**: Git, GitHub, VS Code, REST APIs

PROJECTS

Divine Chats | *PHP, JavaScript, MySQL*
- Real-time full-stack chat application built from scratch.
- Developed secure authentication and message threads for 20+ users
- Integrated AJAX and MySQL to support instant messaging with 100+ messages stored
- GitHub repo includes full README, commit history, and custom UI styling

Phone Usage Tracker | *Python, Excel (In Progress)*
- Analyzing screen time data from Digital Wellbeing reports (90+ files).
- Using pandas to clean and structure more than 2 months of app usage logs
- Categorizing usage into 6 productivity groups across 10+ apps
- Designing Excel dashboard with trends, top apps, and daily usage windows

Power BI Sales Dashboard | *(Coming Soon)*
- Interactive dashboard to analyze sales metrics across 4 regions.
- Building filters, slicers, and dynamic visuals for 5 key metrics
- KPIs include: Revenue, Conversion %, Avg Order Value, Top Categories
- Goal: Deliver stakeholder-friendly insights in less than 5 clicks

E-commerce SQL Case Study | *(Coming Soon)*
- Writing SQL queries to analyze customer behavior across 2 quarters.
- 10+ queries using JOINS, CTEs, and window functions
- Extracting metrics like top categories, churn cohorts, and repeat purchase rate
- Dataset: 10,000+ records with transactional and customer info

EXPERIENCE

Software Developer (Flutter) — Pune, MH
Centralogic PVT LTD — *March 2023 – August 2024*
- Collaborated with cross-functional teams to develop 4+ client-facing apps, including dashboards
- Integrated REST APIs and worked on real-time data displays and analytics modules
- Utilized structured thinking and agile methodologies to solve user-centric problems
- Gained experience in version control (Git), deployment, and end-to-end debugging

Badminton Coach — Ahilyanagar, MH
Battledore Sports Academy — *March 2019 – Present*
- Managed 50+ students and tracked performance data through customized reports
- Analyzed skill growth and match performance to develop strategic training plans
- Built discipline and leadership qualities that translate into self-motivated learning
- Mentored players to district/state-level achievements using data-driven feedback loops

Education

Institute of Management Studies Career Development & Research   Ahilyanagar, MH
Master of Computer Applications   *Aug. 2023 – Present*

The BPHE Society's Ahmednagar College   Ahilyanagar, MH
Bachelor of Business Administration (Computer Applications)   *Jul. 2019 – Apr 2022*

SREF English Medium Junior Collage   Ahilyanagar, MH
HSC   *Aug. 2017 – Feb 2019*

Courses

Data Science Program - IIT Guwahati x Masai School   Online
Jan. 2025 – Expected Nov 2025

- Intensive hands-on program focused on end-to-end data analytics and problem solving
- Core Skills Covered:
    * **Python for Data Science:** NumPy, pandas, Matplotlib, Seaborn
    * **Mathematics & Statistics:** Linear algebra, probability, hypothesis testing, regression analysis
    * **Machine Learning:** Supervised and unsupervised learning, model evaluation, hyperparameter tuning
    * **SQL & Data Management:** Writing efficient queries, joins, subqueries, and aggregations

Extra Curricular & Certifications

Deloitte Australia Data Analytics Job Simulation on Forage   April 2025

- Completed a Deloitte job simulation involving data analysis and forensic technology.
- Created a data dashboard using Tableau.
- Used Excel to classify data and draw business conclusions

Extras

- Open to On-site or Remote roles.
- Actively building a data-focused portfolio and sharing insights on LinkedIn.