DEVANSHI JOSHI

Data Analyst

B. Tech. (CSE- Data Science), Acropolis, Indore

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Entry-level **Business & Data Analyst** skilled in **Python, SQL, Excel, Power BI, and statistical analysis**. Experienced in analysing **large, complex datasets,** forecasting **key business metrics**, and validating **KPI performance**. Strong at translating **data insights into business stories**, supporting **planning cycles, experiments**, and strategic decision-making.

WORK EXPERIENCE

Quest Digiflex   **Indore, India**

AIML Intern   **April 2025 – May 2025**

- Analysed **large historical datasets** using **Python and Excel**, improving metric reliability **3.2×** across business experiments.
- Applied **regression and clustering models**, improving forecasting accuracy **22%** while reducing analysis turnaround time **38%**.
- Built **data validation frameworks**, reducing preprocessing errors **28%**, strengthening **KPI tracking and metric reliability**.

SKILLS

Technical & Visualisation Tools: Python, SQL, Excel, Power BI, Databricks
Core Analytics: KPI Tracking, Business Metrics, Regression, Clustering, Time-Series Analysis, Experimentation
Libraries & Frameworks: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
Soft Skills: Analytical Thinking, Problem-Solving, Communication, Collaboration, Documentation, Time Management

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PROJECTS

Customer 360 Analysis | [GitHub](#)

- Implemented **customer segmentation models**, improving **pricing and retention insights** by **27%** across business segments.
- Defined and monitored **key business metrics**, supporting **performance reviews and strategic planning cycles** effectively.
- Designed **Power BI dashboards**, enabling leadership to track **KPIs, trends, and anomalies** faster.

EDA on Student Performance | [GitHub](#)

- Conducted **exploratory data analysis**, identifying statistically significant indicators influencing academic performance outcomes.
- Automated **data cleaning pipelines**, reducing manual preprocessing effort **40%**, improving analytical consistency.
- Built **self-serve dashboards**, enabling faster **root-cause analysis** and evidence-based institutional decisions.

E-Commerce Dashboard | [GitHub](#)

- Developed **SQL-driven analytical models**, increasing **conversion metric accuracy** by **4.5%** across funnel stages.
- Designed **experiment frameworks** using A/B testing, improving **campaign CTR** by **20%** consistently.
- Automated recurring reports, accelerating **business insight delivery** while reducing manual effort significantly.

EDUCATION

Acropolis Institute of Technology and Research   **Indore, India**

B. Tech. CSE – Data Science | CGPA: 8.54   **November 2022 – June 2026**

CERTIFICATIONS

Python for Data Science(NPTEL)| [Certificate](#)
Modern Data Warehouse Analytics in Microsoft Azure(Microsoft)|[Certificate](#)
Oracle Analytics Cloud 2025 Certified Professional(Oracle)| [Certificate](#)

ACHIEVEMENT

- Awarded **Merit Scholarship** for consistent academic excellence across multiple semesters.
- Secured **2nd Prize** for an applied analytics project demonstrating measurable impact and strong technical innovation.