MOLISHA AGARWAL

Greater Noida, UP

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Education

Galgotias College of Engineering and Technology   **Nov. 2022 – June 2026**
B.Tech in Computer Science and Design | CGPA: 8.1   *Greater Noida, UP*

Relevant Coursework

- Data Analytics
- Software Methodology
- Database Management
- Artificial Intelligence
- Internet Technology
- Cloud Fundamentals
- Object-Oriented Programming (OOP)

Experience

Data Visualization: Empowering Business with Effective Insights — TCS   **Oct 2024 – Nov 2024**
Remote

- Delivered 5+ actionable dashboards to support business intelligence and executive decision-making.
- Strengthened project clarity by formulating 7 stakeholder-focused questions, reducing follow-up queries by 25%.
- Designed visuals that improved data interpretation speed by 40%, accelerating strategic insights.
- Identified trends contributing to a projected 15% improvement in operational efficiency.

AWS APAC Solution Architecture — Amazon Web Services   **Nov 2024**
Remote

- Designed a scalable and cost-efficient AWS architecture using Elastic Beanstalk, reducing response time by 45%.
- Provided technical explanations and cost analysis, increasing stakeholder confidence by 30%.
- Applied cloud best practices, projecting 25% infrastructure cost savings with improved scalability.

Data Analytics Job Simulation — Tata Consultancy Services   **Apr 2025 – May 2025**
Remote

- Enhanced financial risk assessment using AI analytics, improving early delinquency detection by 20%.
- Performed EDA with GenAI tools, increasing data quality evaluation accuracy by 30%.
- Proposed no-code predictive modeling, reducing deployment time by 40%.
- Created an AI-driven collections strategy using agentic AI, reducing manual processing by 35%.

Projects

Online Book Store Management System   **Apr 2025 – May 2025**
Developer — Personal Project

- Built a SQL-based bookstore database managing 500+ records across books, customers, and orders.
- Developed analytical queries for sales trends and customer behavior, improving data visibility by 20%.
- Enabled real-time inventory tracking and automated reporting, reducing manual errors by 25%.
- Identified enhancement opportunities such as integrating predictive analytics for demand forecasting.

E-Commerce Report Dashboard   **Jul 2025 – Aug 2025**
Personal Project

- Developed an interactive Power BI dashboard for sales trends, customer behavior, and product performance.
- Identified underperforming products and regional issues, providing actionable insights for decisions.
- Managed complete dashboard lifecycle from data cleaning to visualization covering 10,000+ transactions.
- Ensured impactful reporting by aligning visuals with stakeholder needs.

Technical Skills

Languages: Python, SQL (PostgreSQL, MySQL, SQLite), DAX
Developer Tools: Jupyter Notebook, VS Code, Microsoft PowerPoint, Excel (Power Query, Pivot Tables)
Frameworks/Technologies: Pandas, NumPy, Matplotlib, Seaborn, Power BI, AI Strategy Design

Certificates

Introduction to Data Science | *Infosys Springboard*

- Completed foundational training in data science concepts, analytics workflow, and practical applications.

Database Programming with SQL | *Oracle Academy*

- Gained proficiency in SQL syntax, relational databases, query operations, and schema management.

Turning Data into Decisions with Python | *CSR Box & IBM SkillBuild*

- Completed certification focused on Python-based data analysis, decision analytics, and applied AI techniques.