

Molisha Aagarwal

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[LinkedIn](#), [GitHub](#)

PROFESSIONAL SUMMARY

Analytical and detail-oriented aspiring Analyst with strong skills in data analytics, Generative AI concepts, cloud fundamentals, and automation-driven problem solving. Skilled in Python, SQL, Power BI, with hands-on experience building dashboards, cloud solutions, and AI-supported analytics. Passionate about translating business requirements into efficient, scalable automation solutions while ensuring accuracy, communication, and process excellence.

EDUCATIONAL QUALIFICATIONS

- **B. TECH (Computer Science and Design)**

Galgotias College of Engineering and Technology | 2026

- **Higher Secondary (12th)**

Sun International School, Jhansi (CBSE) | 2022

- **Secondary (10th)**

Sun International School, Jhansi (CBSE) | 2020

WORK EXPERIENCE

□ Data Visualization: Empowering Business with Effective Insights

Participant, Tata Consultancy Services (Tata Group) | [View Certificate](#) | Oct 2024 – Nov 2024

- Completed hands-on simulation, delivering 5+ actionable dashboards to enhance business intelligence and support executive decision-making.
- Developed 7 client-focused questions for leadership, improving project clarity by 30% and reducing follow-up queries by 25%.
- Designed visuals that boosted data interpretation speed by 40%, enabling faster strategic decisions.
- Identified trends contributing to a projected 15% increase in operational efficiency.

□ AWS APAC Solution Architecture

Participant, Amazon Web Services (AWS) | [View Certificate](#) | Nov 2024

- Designed a scalable, cost-effective AWS architecture using Elastic Beanstalk, reducing estimated server response times by 45%.
- Provided clear technical explanations and cost analysis, increasing stakeholder buy-in by 30%.
- Applied cloud best practices in simulation, projecting 25% infrastructure cost savings and improved scalability.

□ Data Analytics Job Simulation

Participant, Tata Consultancy Services (Tata Group) | [View Certificate](#) | Apr 2025 – May 2025

- Enhanced financial risk assessment with AI-powered analytics, improving early delinquency detection by 20%.
- Conducted EDA using GenAI tools, increasing data quality evaluation accuracy by 30%.
- Proposed no-code predictive modelling, reducing deployment time by 40% and improving interpretability.
- Designed an AI-driven collections strategy using agentic AI, reducing manual processing by 35% while maintaining compliance standards.

PROJECTS

□ Online Book Store Management System

Developer | Personal Project | [View Project](#) | Apr 2025 – May 2025

- Developed a fully functional bookstore database using SQL, managing 500+ records across orders, books, and customers to monitor inventory, sales, and purchasing behaviour.
- Implemented complex queries to analyze sales trends, author performance, and customer patterns, improving data visibility for business decisions by 20%.
- Enabled real-time inventory tracking and automated sales reporting, reducing manual errors and accelerating restocking decisions by 25%.
- Identified opportunities for system enhancement, including predictive analytics integration for demand forecasting and user-friendly front-end interfaces for real-world application.

□ E-Commerce Report Dashboard

Personal Project | [View Project](#) | July 2025 – August 2025

- Developed an interactive Power BI dashboard to provide real-time insights on sales trends, customer behavior, and product performance for an E-commerce platform.
- Identified issues like underperforming products and regional sales declines, delivering actionable insights that improved inventory management and reporting.
- Led the full dashboard lifecycle, from data preparation to visualization, ensuring stakeholder needs were met with effective analytics.
- Analyzed and visualized data from over 10,000 transactions, ensuring comprehensive and impactful reporting.

CERTIFICATION PROGRAMS

□ [Introduction to Data Science](#)

Infosys Springboard — Aug 2024

□ [Database Programming with SQL](#)

Oracle Academy — Dec 2024

□ [Turning Data into Decisions with Python](#)

CSR Box, in collaboration with IBM Skill Build — Jan 2025

TECHNICAL SKILLS

- **Programming & Scripting:** Python (Data Wrangling, Data Analysis, Automation), SQL (PostgreSQL, MySQL, SQLite), DAX.
- **Data Analysis & Visualization:** Power BI (Dashboards, KPIs, Data Modeling), Microsoft Excel (Pivot Tables, VLOOKUP, Power Query), Matplotlib, Seaborn.
- **Statistical Analysis & Modeling:** Mathematical Statistics, Hypothesis Testing, Descriptive & Inferential Statistics, Correlation & Regression Analysis, Probability Distributions.
- **Frameworks & Libraries:** Pandas, NumPy, Seaborn, Matplotlib.
- **Tools & Platforms:** Jupyter Notebook, Visual Studio Code, Microsoft PowerPoint.
- **Business Intelligence & Analytics:** Exploratory Data Analysis (EDA), Data Cleaning & Transformation, AI Strategy Design, Strategic Thinking, Data-Driven Decision Making.
- **Database Management:** Data Extraction, Data Manipulation, Query Optimization.
- **Data Handling** :Structured, semi structured & unstructured data.

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I understand that if any information is found to be false or misleading, my application may be rejected.

Date:

Place:

Signature