

DEEPIKA V

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PROFESSIONAL SUMMARY

Life Sciences graduate (M.Sc. Bioinformatics & Data Science; B.Sc. Biotechnology) with hands-on experience in data management, operations coordination, and structured documentation. Skilled in data collection, validation, analysis, and reporting using Python, SQL, and Excel. My academic and internship experience spans clinical research data workflows, business operations, cross-functional team coordination, and audit-ready recordkeeping. Quick learner with strong attention to detail, excellent written and verbal communication, and proven ability to manage multiple tasks and meet deadlines consistently. Open to data management, operations, clinical research, and internship roles across life sciences, healthcare, and analytics domains.

KEY SKILLS

- **Clinical & Life Sciences:** Clinical research awareness, ICH-GCP principles, Pharmacovigilance concepts, Clinical data management, Study documentation, Regulatory compliance
- **Data Management:** Data collection & entry, Data validation & cleaning, Query resolution, Database management, Data integrity, Audit-ready documentation, Metrics & status reporting
- **Operations & Coordination:** Project coordination, Cross-functional team collaboration, SOP adherence, Process documentation, Tracker maintenance, Stakeholder communication, Action item follow-up
- **Analytics & Tools:** Python (Pandas), SQL, Microsoft Excel (Advanced), Microsoft Word, PowerPoint, Google Analytics, Data visualization, Statistical analysis, Linux
- **Clinical & Life Sciences:** Clinical research awareness, ICH-GCP principles, Pharmacovigilance concepts, Clinical data management, Study documentation, Regulatory compliance
- **Professional:** Attention to detail, Organised, Fast learner, Strong English communication (Read/Write/Speak), Team player, Deadline management, Problem-solving

EDUCATION

M.Sc. Bioinformatics & Data Science | 2024 – 2026

Sathyabama Institute of Science and Technology

B.Sc. Biotechnology | 2021 – 2024 | CGPA: 8.3

Dwaraka Doss Goverdhan Doss Vaishnav College

12th – 89% | 10th – 91% | Godson Matriculation Higher Secondary School | 2019 – 2021

INTERNSHIP

Business Operations & Data Analyst Intern | Agam Interior Pvt. Ltd. | Oct 2025 – Nov 2025

- Collected, entered, and validated structured operational data daily using Excel, ensuring accuracy and compliance with defined documentation standards and SOPs.
- Maintained trackers, logs, and project documentation — keeping all records current, accurate, and audit-ready while filing completed documents in shared repositories.
- Generated weekly data summary and status reports for management, clearly communicating key findings, outstanding issues, and progress updates.
- Coordinated with cross-functional teams to resolve data discrepancies, follow up on action items, and ensure timely completion of assigned tasks within SLA timelines.

PROJECTS

M.Sc. Thesis — Clinical Decision Support System for ICU Patients (Drug-Resistant *Klebsiella pneumoniae*)

- Managed end-to-end data pipeline for ~919 clinical patient records covering data collection, validation, cleaning, database design, analysis, and final reporting from project initiation to completion.
- Applied machine learning (Apriori, SHAP) to clinical genomic data to identify antibiotic resistance patterns, producing structured findings reports and visualizations for faculty review.
- Maintained complete project documentation including methodology notes, data handling logs, and results in reproducible, audit-ready formats throughout the research lifecycle.

Data Analysis & Reporting — Google Play Store Apps

- Performed data collection, cleaning, validation, and exploratory analysis on a large real-world dataset using Python and Excel, identifying key trends and patterns.
- Produced clear summary reports and visualizations communicating findings to non-technical stakeholders, demonstrating strong data storytelling and presentation skills.

CERTIFICATIONS

- Google Analytics Certification – Google (Apr 2025)
- SQL & SQL for Data Analysis – Udemy (Aug 2025)
- Multi-dimensional Data Modelling – Infosys Springboard (Oct 2025)
- Microsoft Excel Data Analysis – Udemy (Jun 2025)