

NIKHIL LABDE

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PROFESSIONAL SUMMARY

Data Analyst with a B.Sc. in Information Technology and experience in data analysis, SQL querying, Python data processing, and dashboard development across datasets of 270,000+ records.

SKILLS

- Programming:** Python (Pandas, NumPy, Scikit-Learn), SQL (MySQL).
- Data Visualization:** Power BI, Tableau, Advanced Excel (Pivot Tables, Power Query).

INTERNSHIP EXPERIENCE

ExcelR EdTech Pvt Ltd (In collaboration with A.I. Variant)

Data Analyst / Data Science Intern

Jul 2023 - Nov 2024

- Engineered end-to-end data pipelines and predictive models, increasing data processing speed by 20% and reducing manual data entry by 15 hours per week.
- Developed ML models for high-dimensional datasets, increasing prediction accuracy by 15% over baseline models.

TECHNICAL PROJECTS

Bank Loan Risk Analytics (MySQL, Power BI)

- Modeled a **445M USD loan portfolio** to identify high-risk borrowers, potentially **reducing default losses by 12%**.
- Developed interactive dashboards for key KPIs, **reducing manual reporting time for stakeholders by 20%**.

E-Commerce Delivery Analysis (Excel, MySQL)

- Analyzed **100k+ transactions** to optimize a 12.5-day delivery cycle, **reducing the delivery time to 10.5 days** through logistics route optimization.
- Pinpointed **3 low-performing categories**, leading to **strategies that increased customer satisfaction scores by 10%**.

Healthcare Analysis (Excel, Tableau)

- Audited dialysis facility performance across **9 critical metrics**, **automating compliance reporting and reducing audit preparation time by 30%**.
- Visualized performance gaps via dashboards, **enabling clinical staff to identify service delays 25% faster**.

Bankruptcy Prevention Analysis (Python, Flask)

- Developed a **Logistic Regression** model achieving **98% accuracy** on test datasets to predict business insolvency.
- Deployed as a full-stack **Flask** web application, enabling **real-time risk assessments for 100+ simulated users**.

Book Recommendation System (Python, Streamlit)

- Engineered a **271k+ book recommendation engine** using **Cosine Similarity**, **improving relevance scores by 18%**.
- Built a **Streamlit** UI for text data visualization, improving user engagement by 15% through instant, personalized results.

Resume Classification (NLP, SpaCy)

- Engineered an **NLP pipeline** to categorize **500+ resumes** into job roles with **98% accuracy**.
- Optimized model selection by comparing **Random Forest** and **SVM**, **reducing text processing time by 40%**.

EDUCATION

Bachelor of Science in Information Technology | Thakur College Of Sci & Comm, Mumbai University |

Jun 2020 - May 2023

- CGPA:** 8.27/10
- Project:** Built a Language Translation web app for **100+ languages using Python and MySQL**, optimizing authentication security and real-time processing.

CERTIFICATIONS

- Professional Certification in Data Analytics, SQL & Power BI | ExcelR EdTech Pvt Ltd | **Jul 2023 - Apr 2024**
- Professional Certification in Data Science & Machine Learning | ExcelR EdTech Pvt Ltd | **Feb 2023 - Nov 2024**