SHREYA AVALE

Pune, Maharashtra

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EDUCATION

Indian Institute of Information Technology, Pune May 2026 (Expected)
B.Tech in Computer Science and Engineering Pune, Maharashtra

Disha Junior College Mar 2022
Higher Secondary Education (PCM) Wai, Maharashtra

PROJECTS

Fraud Detection in Financial Transactions
Python, Scikit-learn, XGBoost *Sep 2025*

- Built a predictive model on **6.3M transactions** to detect fraud with high accuracy.
- Applied **data cleaning**, **feature engineering**, and handled class imbalance using SMOTE and class weights.
- Random Forest model achieved **ROC-AUC = 0.98**.
- **Key Takeaway:** Developed advanced predictive modeling skills and analytical reasoning for real-world financial data.

Hospitality Domain Data Analysis & Dashboard
Python, Pandas, Power BI *Aug 2025*

- Analyzed hotel booking data to uncover revenue, occupancy, and ADR trends.
- Built KPIs (**RevPAR, ADR, Occupancy%**) and created an **interactive Power BI dashboard**.
- **Key Takeaway:** Showcased expertise in data visualization and deriving actionable business insights.

TECHNICAL SKILLS

- **Data Visualization:** Power BI, Tableau, Matplotlib, Seaborn
- **Programming & Libraries:** Python, SQL, Pandas, NumPy, Scikit-learn, XGBoost
- **Core Competencies:** Exploratory Data Analysis (EDA), Data Cleaning, Feature Engineering, Model Evaluation, Business Insights
- **Developer Tools:** VS Code, Jupyter Notebook, Google Colab, IntelliJ IDEA, Excel

CERTIFICATIONS & LEADERSHIP

- **Data Analyst Bootcamp** — Udemy *(Expected: Sep 2025)*
- **Deloitte Australia Data Analytics Job Simulation** — Forage (Jul 2025)
- Conducted stress-management webinars as **Mental Health Counsellor, Brainway Foundation** → demonstrated communication, planning, and leadership skills.