

RISHITA PRIYADARSHINI SARAF

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EDUCATION

Vellore Institute of Technology, Bhopal BTech In Computer Science and engineering	CGPA: 8.76	2022- 2026 (expected)
Narayana Junior College Narayana Junior College, Narayanguda SSC (CLASS XII)	Aggregate: 92.8%	2020-2022
High School St. Joseph's School, Habsiguda ICSE (Class X)	Aggregate: 96.4%	2010-2020

TECHNICAL SKILLS

- **Programming Languages:** Python, C++
- **Databases:** MySQL
- **Technical Skills:** Data Analysis, Microsoft Excel, Power BI, SQL, Machine Learning Algorithms, Statistics and Probability
- **Tools & Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, OpenCV

UNIVERSITY PROJECTS

- Sales Performance Dashboard using Power BI** Jan, 2025
- Built a Power BI dashboard analyzing 10,000+ sales records, visualizing KPIs like sales by country, standard cost and category performance.
 - Business Case Analysis: Applied the MECE method to dissect and solve various real-world business cases, including profitability enhancement for a multinational tech firm and feasibility analysis for a tourism project.
 - Data-Driven Decision Making: Leveraged MS Excel and Power BI to conduct comprehensive data analysis, with a focus on understanding consumer behavior and informing strategic recommendations.
 - Tech Stack: Power BI, Microsoft Excel, Power Query, MECE method
- Customer Personality Segmentation** June, 2025
- Built an ML system to cluster and classify customers based on purchase behavior using K-Means and Logistic Regression with GridSearchCV for hyperparameter tuning.
 - Designed and deployed end-to-end pipeline including data ingestion, validation, transformation, clustering, model training, and evaluation.
 - Implemented FastAPI microservice for dynamic prediction and containerized with Docker, integrated with AWS S3, MongoDB Atlas, and GitHub Actions for CI/CD and scalable deployment.
 - Tech Stack: Python, FastAPI, Docker, MongoDB, AWS

WORK EXPERIENCE

- Data Analyst Intern - NullClass (Remote)** Jan 2025 – Feb 2025
- Tech Stack - Python, Pandas, NumPy, Plotly, Jupyter Notebook, HTML
 - Performed sentiment analysis on Google Play Store app reviews to uncover patterns in user satisfaction and product perception.
 - Preprocessed and structured large-scale text data using Python, Pandas, and NumPy to ensure high-quality analysis.
 - Built and deployed an interactive, feature-rich HTML dashboard using Plotly to present insights to non-technical stakeholders.
- Data Science Intern - Cognifyz Technologies (Remote)** Dec 2024 – Jan 2025
- Tech Stack - Python, Pandas, Scikit-learn, Seaborn, Matplotlib, Jupyter Notebook
 - Built and fine-tuned a linear regression model to predict restaurant ratings using customer behavior and feedback data.
 - Performed end-to-end data cleaning, feature engineering, and exploratory analysis to improve model performance and reliability.
 - Visualized feature relationships, trends, and residuals using Seaborn and Matplotlib to derive actionable business insights.

CERTIFICATIONS

- Oracle Data Science Professional Certificate
- IBM GEN AI Using IBM Watsonx certificate