

SARITA JANGID

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Gangapur City, Rajasthan , India

OBJECTIVE

Enthusiastic and detail-oriented postgraduate with strong analytical skills and hands-on experience in Python, SQL, and Excel through academic projects. Seeking a data analyst role to apply my data-driven mindset and contribute to business insights.

EDUCATION

Degree	Institution	Year / Score
M.Sc. in Physics	IIT Delhi	2023–25, CGPA: 7.03
B.Sc. (PCM)	University of Kota	2020–2023, 76.33%
12 th (PCM)	RBSE Board	2019–2020, 78.20%

PROJECTS

• E-commerce Data Analysis Dashboard (Olist Dataset):

Tools: [PostgreSQL (Docker), Beekeeper Studio, Power BI, SQL, Excel]

- Developed an interactive Power BI dashboard to visualize sales, customer behavior, and seller performance.
- Implemented PostgreSQL (via Docker) to manage and query 100K+ records from 9 interrelated CSV files efficiently.
- Created optimized SQL queries in Beekeeper Studio and saved them as SQL Views for reuse in dashboards, enabling clean joins, aggregations, and simplified reporting.
- Applied data transformation techniques (joins, null handling, deduplication) to prepare clean analytical datasets.
- Achieved clear business insights: most profitable states, delivery delays, review trends, and product category performance.

• Banking Fraud Detection System

Tools: [Python, Pandas, NumPy, scikit-learn, XGBoost, Matplotlib, Seaborn]

- Built a machine learning-based fraud detection system using Logistic Regression, Random Forest, and XGBoost models.
- Processed and transformed 1M+ transaction records using ColumnTransformer, custom preprocessing classes, and feature engineering.
- Applied encoding, imputation, scaling, and hyperparameter tuning to enhance model performance.
- Evaluated model performance using AUC score (0.87+) and confusion matrix to interpret classification results.

• Face Recognition System:

Tools: [Python, NumPy, pandas, scikit-learn, TensorFlow, Keras, OpenCV, Matplotlib]

- Developed and evaluated two separate models — SVM with PCA and a Convolutional Neural Network — for image classification.
- Applied image normalization and reshaping to prepare data for both deep learning and machine learning models.
- Implemented dimensionality reduction using PCA to improve SVM efficiency, achieving 81.5% validation accuracy.
- Built a CNN model that captured spatial features, reaching 88% validation accuracy, outperforming SVM.

SKILLS

- **Languages & Tools:** Python, MySQL, Power BI, Excel, VS Code, Jupyter Notebook
- **Python Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, SciPy, TensorFlow, Keras
- **Soft Skills:** Critical Thinking, Communication Skills, Problem-Solving, Teamwork, Time Management
- **Certifications:** Career Essentials in Data Analytics – Microsoft & LinkedIn, Career Essentials in Generative AI – Microsoft & LinkedIn, Communication Foundations – LinkedIn
- **Courses:** Introduction to Machine Learning (IBM & Coursera), SQL Fundamentals (DataCamp), Data Analytics in Bioinformatics, Process Data Analytics

ACHIEVEMENTS & LEADERSHIP

- **AIR 350 in IIT JAM**, Qualified JEE Mains & Advanced – Demonstrated strong academic ability.
- **Gargi Puraskar**, Govt. of Rajasthan – Awarded for excellence in both 10th and 12th grades.
- **Hindi Samiti Representative**, IIT Delhi – Organized events and coordinated with administration.
- **Class Representative**, GDAVM – Coordinated academic and extracurricular activities.