

Kundan Pandey

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EDUCATION

Shri Ramswaroop Memorial University

Bachelor of Technology in Computer Science & Engineering | CGPA: 8.03/10

Lucknow, U.P.

Aug. 2023 – July 2027

Divine Public School

Intermediate (CBSE), Science Stream | 72.4%

Maharajganj, U.P.

April 2022 – May 2023

EXPERIENCE

Axlero Solutions — Data Science Intern

Axlero Solutions

Aug. 2026 – Present

Remote

- Collected, cleaned, and analyzed datasets using **Python** and **SQL** to uncover patterns and generate actionable business insights.
- Assisted in building, training, and evaluating **machine learning** and **predictive models**, applying strong analytical and problem-solving skills.
- Wrote and optimized **SQL** queries to extract, transform, and analyze data from multiple sources, communicating findings through clear reports and visualizations.

TRAINING & WORKSHOPS

Machine Learning & Data Science Training — IBM: Hands-on program covering data cleaning, EDA, Regression, and Classification.

PROJECTS

Customer Churn Analytics | SQL, XGBoost, Streamlit

- Built an end-to-end customer churn prediction system, using **SQL** to extract and transform data from multiple sources and **XGBoost** to model churn likelihood.
- Deployed an interactive **Streamlit dashboard** visualizing key churn drivers and metrics, enabling data-driven retention recommendations for stakeholders.

Credit Card Approval Prediction | Python, Scikit-learn, Streamlit, GridSearchCV

- Developed a **Logistic Regression**-based credit approval predictor using **Scikit-learn pipelines** to standardize preprocessing — missing-value imputation, feature encoding, and scaling.
- Tuned model hyperparameters with **GridSearchCV** and deployed an interactive **Streamlit** interface; validated results using **ROC-AUC** and **Confusion Matrix** analysis.

Wine Quality Prediction | Python, Scikit-learn, Matplotlib, Seaborn

- Built and deployed a wine quality prediction web app, training and benchmarking **Logistic Regression**, **Decision Tree**, and **Random Forest** classifiers on physicochemical attribute data.
- Selected the best-performing model (**Random Forest**) based on **Accuracy**, **Precision**, **Recall**, **F1-Score**, and **Confusion Matrix** analysis across 1,500+ samples.

AI-Based Fitness Tracker | Python, Scikit-learn, Pandas, NumPy

- Built a Python-based fitness-tracking application that analyzes user activity data to generate personalized workout and progress insights.
- Performed data preprocessing and feature engineering with **Pandas** and **NumPy**, then trained **Scikit-learn** models to predict performance trends, visualizing outcomes for end users.

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript, SQL

Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, EDA, Data Cleaning, Statistical Analysis

Deep Learning: TensorFlow, Keras, Neural Networks

Databases: MySQL

Tools & Platforms: Git, GitHub, Jupyter Notebook, VS Code, Google Colab, Streamlit

Frameworks, Developer Tools & Libraries: Node.js, Express.js, PyTorch, OpenAI API, OpenPyXL, JWT Authentication, Vercel

CERTIFICATIONS

Machine Learning with Python — IBM

SQL & Relational Databases — IBM

TCS iON Career Edge — Interview and Job Readiness Program