RAJ LALJI PANDEY

Phone: +91-9517368349 | Email: rajlaljipandey@gmail.com
Thane, Maharashtra

TECHNICAL SKILLS

- **Programming:** Python (Pandas, NumPy, Matplotlib)
- **Data Analysis:** Excel (Pivot Tables, Power Query), SQL (Joins, Aggregations, Group By)
- **Visualization:** Power BI
- **Machine Learning:** Classification, Model Evaluation (Basics)
- **Tools:** Git, GitHub, Streamlit

LINKS

GitHub:
https://github.com/rajlaljipandey
LinkedIn:
https://www.linkedin.com/in/raj-pandey-51288a237/

EDUCATION

Post Graduate Diploma in Data Science & Machine Learning
2025 – 2026 (Expected)
Government Polytechnic, Kanpur

B.Sc – Bachelor of Science
Jananayak Chandrashekhar University, Ballia
Graduated: 2023

CERTIFICATIONS

• Excel Essentials for Data Analysis – Udemy (2024)
• Python & SQL Fundamentals – Coursera (2025)
• Power BI for Beginners – YouTube / Self-Learning (2025)

ACHIEVEMENTS

- Designed and delivered a complete Excel analytics dashboard within **1 week**
- Active GitHub contributor with multiple deployed analytics and ML projects

PROFESSIONAL SUMMARY

Machine Learning and Data Analytics Fresher with hands-on experience in building **deployed machine learning web applications** and **end-to-end analytics dashboards**. Strong in data cleansing, feature engineering, and visualization, with proficiency in **Excel, SQL, Python, and Streamlit**. Passionate about developing **production-ready data solutions** and transforming data into **actionable business insights**.

PROJECTS

Superstore Sales Analytics Dashboard – Excel
• Cleaned and transformed dataset using Power Query (removed errors, converted dates, added calculated fields).
• Built interactive KPI cards – Total Sales, Profit, Avg Order Value.
• Designed monthly trend, region sales, category sales, and top-10 customers visuals using Pivot Charts.
• Enabled dynamic filtering using slicers (Region, Segment, Category, Year).
• Published dashboard & dataset on GitHub for public access.
GitHub: https://github.com/rajlaljipandey/superstore-sales-dashboard-excel

Customer Churn Prediction Web App | Python, Streamlit, Scikit-Learn, GitHub
https://customer-churn-raj.streamlit.app/
• Built and deployed a churn prediction ML web app using Python & Streamlit, enabling real-time churn scoring with PDF report download.
• Performed preprocessing, model training, feature engineering and pickle-based deployment for end-to-end product delivery.

Movie Recommendation System | Python, Machine Learning, Streamlit
- Built a Netflix-inspired **content-based movie recommendation system** using TF-IDF vectorization and cosine similarity.
- Implemented content-based filtering with genre and release-year filters
- Designed an interactive UI with Streamlit and dark-mode support
- Solved large-file deployment issues by dynamically generating similarity matrices
- Deployed the application on Streamlit Cloud
- 🔗 Live App: https://movie-recommender-raj-lalji-pandey.streamlit.app/
- 🔗 GitHub: https://github.com/rajlaljipandey/movie-recommender-system/