

Arun Lama

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Education

Bachelor of Computer Engineering

IOE Purwanchal Campus – Tribhuvan University
Dharan, Nepal

2021 – 2025

Relevant Coursework & Certifications

- Data Structures & Algorithms (Academic)
- Probability & Statistics (Academic)
- Database Management Systems (Academic)
- Supervised Machine Learning: Regression & Classification — Coursera (2023)
- Unsupervised Learning & Advanced Learning Algorithms— Coursera (2024)
- Data Analysis with Python — freeCodeCamp (2024)

Summary

Detail-oriented **Data Analyst** skilled in **data wrangling**, **statistical analysis**, and **predictive modeling**. Proficient in **Python**, **SQL**, **Tableau**, **Excel**, and **Power BI** to transform raw data into actionable insights. Experienced in delivering **end-to-end analytics projects**, from **ETL pipelines** and **data cleaning** to **visualization** and **machine learning deployment**, with domain expertise in **retail** and **telecom analytics**.

Core Skills

- **Programming & Tools:** Python, SQL, Pandas, NumPy, Scikit-learn, TensorFlow, Jupyter, Git
- **Data Analytics:** Data Wrangling, ETL, EDA, Statistical Analysis & Hypothesis Testing
- **Machine Learning:** Regression, Classification, Clustering, Forecasting, Model Evaluation
- **Visualization:** Tableau Dashboards, Excel Charts, Power BI Reports, Matplotlib, Seaborn
- **Soft Skills:** Analytical Thinking, Communication, Self-Learning, Attention to Detail

Experience

Independent Data Analyst – Projects & Research

Jan 2021 – Present

- Designed ETL pipelines and dashboards for diverse datasets
- Built ML models (XGBoost, Random Forest) achieving 85% accuracy
- Communicated insights through visual storytelling

Project Highlights

Customer Churn Prediction (Kaggle)

Kaggle Notebook

Processed telecom churn modeling data, performed feature engineering, and implemented Logistic Regression, Random Forest, and XGBoost models, achieving **85% accuracy** and actionable retention strategies.

Walmart Store Sales Forecasting (Kaggle)

Kaggle Notebook

Analyzed retail sales data, applied time-series forecasting and regression models, improving forecast accuracy by integrating holiday and weather features.