

# DINESH SHAHI

DATA ANALYST & JUNIOR DATA SCIENTIST

## CONTACT

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- 📍 Madhyapur Thimi, Bhaktapur

## PROFILE

Data Analyst with a strong foundation in Python, SQL, data visualization, and machine learning, experienced in analyzing real-world datasets to extract actionable insights. Skilled in data cleaning, exploratory data analysis (EDA), statistical analysis, and predictive modeling to support business decisions. Hands-on experience with customer analytics, churn prediction, recommendation systems, and classification projects. Seeking an entry-level Data Analyst role with opportunities to contribute to data science and machine learning initiatives.

## EDUCATION

2020 - 2025

TRIBHUVAN UNIVERSITY

- Bachelor of Science in Computer Science and Information Technology (B.Sc.CSIT)

2018 - 2020

NATIONAL EXAMINATION BOARD

- +2 Science

## TECHNICAL SKILLS

- Advanced Excel
- Database Management & SQL
- Python & Python Libraries
- Data Wrangling and Cleaning
- Visualization & Statistical Analysis
- Critical Thinking & Problem Solving
- Machine Learning Models
- Data Visualization: Power Bi
- Git / Github (for version control)

## CERTIFICATION

- Data Engineer and Machine Learning  
Diyo.Ai (👉: [bit.ly/43rripB](https://bit.ly/43rripB))
- Data Science & Machine Learning  
Skill Shikshya (👉: [bit.ly/4p5mvCE](https://bit.ly/4p5mvCE))
- Pandas, Data Visualization, Cleaning  
and Feature Engineering  
Kaggle (👉: [bit.ly/3LyXp0u](https://bit.ly/3LyXp0u))

## JOB TITLE

- **Diyo.Ai • 3 months internship** March,2025 - June,2025  
**Data Cleaning and Preprocessing using Python**
  - Cleaned, validated, and prepared structured datasets by handling missing values, inconsistencies, and outliers to improve overall data quality and reliability.
  - Performed data preprocessing tasks including data transformation, normalization, and feature engineering using Python and relevant libraries.
  - Conducted exploratory data analysis (EDA) to identify patterns, trends, and relationships within datasets using statistical techniques and visualizations.
  - Integrated Python-based analysis with SQL queries and Excel workflows to support end-to-end data handling, reporting, and validation tasks.
  - Delivered well-structured datasets and analytical outputs suitable for further modeling, reporting, and business decision-making.
- **Skill Shikshya • 3 months Training** Jan,2025 - March,2025  
**Data Science and Machine Learning Training**
  - Processed large datasets using Python libraries (Pandas, NumPy) to filter records, handle outliers, normalize features, and prepare data for downstream tasks.
  - Worked with structured datasets to perform data cleaning, transformation, and validation, ensuring accuracy and consistency for analysis and modeling.
  - Built and tested machine learning models for classification and regression use cases using Scikit-learn, supporting prediction and pattern identification
  - Evaluated model performance using appropriate metrics (accuracy, precision, recall, RMSE) and optimized results through parameter tuning.

## GENERAL SKILLS

- Communication & Storytelling
- Creative Thinking
- Collaboration and Teamwork
- Learning Agility
- Creativity and Imagination
- Workplace Adaptability
- Leadership & Mentoring
- Strategic Business Acumen

## AWARDS & ACHIEVEMENTS

- Distinction in Bachelor
- Red Hat Certified
- CCNA Trained
- Web Development Bootcamp

## LICENSE

- Bike/Scooter Driver

## LANGUAGE

- Nepali
- Hindi
- English

## PROJECTS

### Customer Churn Prediction

- Analyzed real-world customer data to identify behavioral and transactional patterns contributing to customer churn.
- Cleaned and preprocessed datasets by handling missing values, outliers, and inconsistent records to improve data quality.
- Built and trained supervised machine learning models to predict customer churn risk and Evaluated model performances.
- Identified high-risk customer segments to support proactive retention and business decision-making.
- 📈: [https://huggingface.co/spaces/dineshshahi/Customer\\_churn\\_prediction](https://huggingface.co/spaces/dineshshahi/Customer_churn_prediction)

### Customer Personality Analysis and Target Marketing

- Conducted in-depth analysis of customer demographic and behavioral data to understand purchasing patterns.
- Performed data cleaning, transformation, and feature engineering to prepare datasets for analysis and modeling.
- Used machine learning models to support targeted marketing strategies and audience profiling.
- Delivered actionable insights to support personalized marketing, campaign optimization, and customer engagement.
- 📈: [https://github.com/Dineshshahi7/Customer\\_Personality\\_Analysis](https://github.com/Dineshshahi7/Customer_Personality_Analysis)

### Movie Recommendation System

- Designed and developed a Python-based recommendation system to deliver personalized movie suggestions.
- Analyzed user search behavior and interaction patterns to understand content preferences. Implemented similarity-based recommendation techniques to generate relevant and related content.
- Enhanced user experience by delivering relevant, data-driven recommendations aligned with user interests.
- 📈: <https://movierecommendationapp-07.streamlit.app/>