

DINESH SHAHI

DATA ANALYST & JUNIOR DATA SCIENTIST

CONTACT

☎ +977 9868344301

✉ dineshshahi4301@gmail.com

🌐 dineshshahi07.com.np

🌐 www.linkedin.com/in/dineshshahi7

🔗 https://github.com/Dineshshahi7

📍 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)
- Data Science & Machine Learning
Skill Shikshya (📄: bit.ly/4p5mvCE)
- Pandas, Data Visualization, Cleaning and Feature Engineering
Kaggle (📄: 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

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

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/>