

# Dinesh Shahi

## Data & Business Analyst

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📍 Madhyapur Thimi, Bhaktapur

Data Analyst with a strong foundation in SQL, Excel, Python, Power BI and Tableau. Experienced in cleaning, analyzing, and visualizing real-world datasets to generate actionable business insights. Hands-on experience with customer analytics, churn analysis, and reporting dashboards. Seeking entry-level or remote Data Analyst opportunities.

### Internship Experience

#### Data Engineering - Diyo.ai

5 months

- Diyo.ai [bit.ly/452vOvJ](https://bit.ly/452vOvJ)

- Worked on collecting, cleaning, and transforming structured datasets to prepare them for analysis and modeling.
- Designed and implemented basic ETL pipelines using Python to move data from raw sources to processed formats.
- Used SQL queries to extract, filter, and aggregate data from relational databases for reporting and analytics.
- Gained hands-on experience with real-world data engineering concepts and production-style data workflows.

#### Data Science and Machine learning

3 months

- Skillshikshya [bit.ly/4aqwKgP](https://bit.ly/4aqwKgP)

- Worked on end-to-end data science workflows including data collection, cleaning, exploratory data analysis, and feature engineering.
- Analyzed real-world datasets using Python (Pandas, NumPy) to uncover patterns and insights.
- Applied statistical analysis techniques to understand data distributions and relationships.
- Visualized insights and model results using Matplotlib and Seaborn to support data-driven decisions.

### Projects

#### Customer Churn Analysis & Prediction

- Analyzed telecom customer data (7,000+ records) to identify churn drivers and risk factors.
- Cleaned and transformed data using Python (Pandas) and SQL queries.
- Created visual reports to highlight churn trends and support customer retention strategies.
- Performed exploratory data analysis to uncover trends in customer usage and behavior.
- Generated data-driven insights to support customer retention and business decision-making.

Link: [https://huggingface.co/spaces/dineshshahi/Customer\\_churn\\_prediction](https://huggingface.co/spaces/dineshshahi/Customer_churn_prediction)

## Customer Personality Analysis & Target Marketing

- Analyzed customer demographic and behavioral data to understand purchasing patterns.
- Performed data cleaning and preprocessing to improve data quality for analysis.
- Visualized key customer insights using charts and analytical summaries.
- Provided actionable insights to improve marketing effectiveness and engagement.

**Link:** [https://github.com/Dineshshahi7/Customer\\_Personality\\_Analysis](https://github.com/Dineshshahi7/Customer_Personality_Analysis)

## Movie Recommendation Analysis

- Analyzed user ratings and movie metadata to identify viewing preferences and trends
- Explored relationships between user behavior and content popularity.
- Generated personalized movie recommendations based on data insights.
- Delivered insights aimed at improving user engagement and content discovery.

**Link:** <https://movierecommendationapp-07.streamlit.app/>

## Spam Mail Prediction

- Built and deployed a spam detection web app using Python and Streamlit to classify emails as “spam” or “not spam.”
- Performed text preprocessing and feature extraction to clean and standardize email content for analysis.
- Applied exploratory text analytics to understand common patterns and keywords in spam vs. legitimate messages.
- Delivered a user-interactive dashboard that enables on-the-fly email classification to support email filtering tasks.

**Link:** <https://spammailprediction.streamlit.app/>

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## Education

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### Tribhuvan University

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

2020 - 2025

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## Skills

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Data  
Visualization



Analytical and  
Research Skills



Modeling: Linear and  
logistic regressions



SQL  
and NOSQL



Advanced  
Excel



Power BI  
and Tableau



Git &  
Github



Python  
Programming



Data Analysis &  
Decision Making