

**Data Analyst** with a strong foundation in **Advanced Excel, Python**, and **SQL**, and hands-on experience across the full data lifecycle including data cleaning, wrangling, transformation, visualization, and exploratory data analysis (EDA). Experienced in analyzing real-world datasets to extract actionable insights and support data-driven **business decisions**. Skilled in statistical analysis, **dashboard** development, and predictive modeling with practical experience in customer analytics, churn prediction, classification projects and recommendation systems. Seeking an **entry-level** Data Analyst role with opportunities to contribute to **data science** and **machine learning** initiatives while continuing to grow professionally.

## SKILLS

Tools and Languages	Python, Python Libraries, SQL, <b>Git, Github</b> , Excel, <b>Power BI</b> , Jupyter Notebook
Statistics & ML	Statistical analysis, predictive modeling, classification, churn prediction, recommendation systems
Data & Market Analysis	Data cleaning, wrangling, transformation, EDA, Feature Engineering, Equity market analysis, technical indicators (RSI, MACD, MA), volume and broker analysis, data-driven market insights
Soft Skills	Communication, Problem Solving, Team Collaboration, Time Management, Analytical Thinking

## EXPERIENCE

<b>Data Engineer - internship</b> Diyo.AI	<b>March 2025 — June 2025</b> <i>Jwagal, Lalitpur</i>
<ul style="list-style-type: none"><li>Improved data quality and reliability by resolving missing values, inconsistencies, and outliers in structured datasets through systematic <b>data cleaning</b> and validation processes.</li><li>Identified key patterns and trends in datasets by performing <b>EDA</b> using statistical techniques and data visualizations.</li><li>Streamlined end-to-end data processing and reporting by integrating <b>Python</b> analysis with <b>SQL</b> queries and Excel workflows.</li><li>Supported data-driven business decisions by delivering well-structured datasets and analytical outputs for modeling and reporting purposes.</li></ul>	

  

<b>Data Annotator</b> Shrig Solution	<b>February 2025 — Now</b> <i>Bishalnagar, Kathmandu</i>
<ul style="list-style-type: none"><li>Improved <b>computer vision</b> model accuracy by annotating and validating large-scale image datasets using <b>CVAT</b> on cloud-based platforms.</li><li>Reduced labeling errors and inconsistencies by performing systematic annotation review and quality assurance, ensuring high-quality training data.</li><li>Enabled reliable model training and evaluation by maintaining strong accuracy, consistency, and data integrity across production-level datasets.</li><li>Increased workflow efficiency by collaborating with <b>AI engineers</b> and <b>QA</b> teams through shared cloud-based annotation pipelines.</li></ul>	

## EDUCATION

<b>Bachelor of Science in Computer Science and Information Technology (B.Sc. CSIT)</b> , Tribhuvan University	<b>2020 — 2025</b>
+2 Science, National Examination Board	<b>2018 — 2020</b>

## 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.
- [Customer Churn Prediction – Live Demo](#)

### 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.
- [Customer Personality Analysis and Target Marketing - View Work](#)

## CERTIFICATION

- Data Science and Machine Learning - Skillshikshya
- Data Engineer - Diyo.AI
- Kaggle