

Professional Summary

Aspiring data analyst skilled in transforming complex datasets into clear, decision-ready insights. Experienced through hands-on projects in data cleaning, exploratory analysis, dashboard development, and visualization using SQL, Python, Power BI, Tableau, and Excel. Curious, detail-oriented, and committed to communicating findings with clarity.

Education

BACHELOR IN COMPUTER ENGINEERING — Gandaki College of Engineering and Science
HIGH SCHOOL — SOS Hermann Gmeiner School, Gandaki

Technical Skills

SQL

Data cleaning, joins, CTEs, window functions, exploratory queries

Power BI

Interactive dashboards, data models, KPIs, Power Query

Python

Data preparation, analysis workflows, automation fundamentals

Tableau

Interactive visualizations, market analysis, visual storytelling

Excel

Pivot tables, formulas, charts, slicers, business analysis

React + Next.js

Modern web applications, responsive UI development, component-based architecture, server-side rendering

Core Strengths

Data quality, trend analysis, reporting, clear communication

Selected Projects

DATA CLEANING IN SQL — SQL · Data Preparation

- Prepared a worldwide company layoffs dataset for reliable analysis by removing duplicate records, standardizing values, and addressing missing data.
- Applied structured SQL workflows to improve consistency, accuracy, and usability across the dataset.

EXPLORATORY DATA ANALYSIS — SQL · Trend Analysis

- Used CTEs, window functions, and rolling totals to uncover layoffs trends over time and rank the companies most affected.
- Translated query results into concise findings that make changes by company and period easier to compare.

DATA PROFESSIONAL SURVEY — Power BI · Dashboard

- Built an interactive dashboard exploring roles, preferred programming languages, salary patterns, geography, work-life balance, and entry paths into data careers.
- Organized survey results into accessible visual views designed for quick comparison and interpretation.

Selected Projects — Continued

AIRBNB SEATTLE MARKET — Tableau · Visualization

- Created an interactive workbook showing how listing prices vary by location, bedroom count, date, and neighborhood across Seattle.
- Designed visuals that support clear comparison of local pricing patterns and market differences.

BIKE BUYERS DASHBOARD — Excel · Business Analysis

- Cleaned customer data and combined pivot tables, formulas, charts, and slicers into a focused business dashboard.
- Highlighted demographic and behavioral factors associated with bike-purchase decisions.

BOOKIFY — Machine Learning · Web Application

- Designed a smart reading platform that uses book metadata and cosine similarity to generate personalized recommendations.
- Combined recommendation logic with an accessible online reading experience.

Additional Information

Portfolio: www.kritikasapkota.com.np

Languages: Nepali — Native | English — Professional | Hindi — Conversational

Availability: Open to internship and entry-level opportunities.