

# Asmita Pant

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## Professional Summary

A highly motivated and analytical Business Administration graduate with a specialized focus on statistical analysis and machine learning. Seeking to leverage a robust academic foundation and hands-on experience with R and Python to secure a challenging data analyst or data scientist role in a leading international organization. Proven ability to translate complex data into actionable insights through rigorous research and practical projects. A dedicated and quick learner, passionate about contributing to data-driven decision-making and advancing a career in the global technology landscape.

## Technical Skills

Category	Skills & Technologies
Programming Languages	R (Proficient), Python (Foundational), SQL (Foundational)
Data Science Libraries	<b>R:</b> Tidyverse (dplyr, tidyr, ggplot2), caret, shiny
	<b>Python:</b> Pandas, NumPy, Matplotlib, Scikit-learn
Statistical Analysis	Hypothesis Testing (T-test, ANOVA, Chi-Square), Linear & Logistic Regression, GLM, Time Series Analysis
Machine Learning	<b>Supervised:</b> Random Forest, KNN, Ridge/Lasso Regression
	<b>Unsupervised:</b> K-Means Clustering,

	Hierarchical Clustering, PCA, LDA
	<b>Evaluation:</b> ROC/AUC Curves, Confusion Matrices, Cross-Validation
<b>Data Visualization</b>	ggplot2, Matplotlib, Base R Plotting
<b>Databases &amp; Tools</b>	RStudio, Jupyter Notebooks, Git & GitHub, MS Excel
<b>Languages</b>	English (Fluent), Nepali (Native), Hindi (Conversational)

**Professional Experience**

**Junior Assistant** • Pepsicola Branch, Kathmandu, Nepal • *May 2024 – Sep 2024*

- Managed and maintained a customer database, ensuring data integrity and accuracy for operational reporting.
- Analyzed weekly sales data to identify trends, contributing to the team's understanding of product performance.
- Compiled and prepared data for internal reports, streamlining information access for the management team.

**Data Analytics Intern** • Citizens Bank Ltd, Mahendranagar, Nepal • *Feb 2022 – Apr 2022*

- Performed data analysis on customer transaction records in the Customer Service Department to identify patterns in banking behavior.
- Supported the Credit Department by conducting initial data verification for loan applications, contributing to a more efficient evaluation process.
- Gained comprehensive exposure to financial data and core banking operations, assisting in both customer-facing and back-end analytical tasks.

## **Data Analysis & Research Projects**

### **Predictive Analysis of Customer Satisfaction • *University Capstone Project, 2023***

- Led a comprehensive research project to analyze and predict customer satisfaction drivers for online vs. offline retail.
- Designed and deployed a mixed-methods survey, collecting and cleaning a dataset from over 100 participants.
- Utilized R to perform statistical analysis, including logistic regression, to identify key variables impacting consumer choice.
- Developed a final report with data visualizations (ggplot2) that presented actionable insights on improving customer engagement, achieving a high distinction for the project.

## **Education**

Bachelor of Business Administration (BBA) • 2019 – 2022

Far Western University, Kanchanpur, Nepal

Relevant Coursework: Advanced Statistics, Quantitative Analysis, Market Research, Econometrics

## **Certifications & Training**

Computer Skills Certification • Completed May 2023

A 3-month intensive program covering advanced operating system functionalities and productivity software.