

Akancha Kumari Sah

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SKILLS

Languages:	C, C++, Python, R
Frameworks:	NumPy, Pandas, Matplotlib, Seaborn, HTML and CSS, Flask
Tools/Platforms:	MySQL, Power BI, Tableau, Excel,
Soft Skills:	Problem-Solving Skills, Teamwork

TRAINING

Cipher Schools (Edtech Company) June 2024 – July 2024

Python Data Science and Machine Learning Integrated

- Completed an intensive 2-month training in Python, Data Science, and Machine Learning.
- Gained hands-on experience in data preprocessing and model building using Pandas, NumPy, and Scikit-learn.
- Developed and evaluated **ML models** like **Linear Regression, KNN, SVM, Decision Trees, and K-Means Clustering**, improving predictive accuracy.
- Applied EDA and data visualization techniques using Matplotlib and Seaborn to extract insights from datasets.
- Built and deployed the machine learning project for the real-world problem.

PROJECTS

Amazon Sales Dashboard: December 2024

- Objective:** Developed an interactive Tableau dashboard for analysing Amazon sales data, enabling businesses to track revenue, order trends, and customer behaviour while providing real-time insights into sales performance, top-selling products, and seasonal trends.
- Data Cleaning & Preparation - Processed and transformed raw data using **Tableau Prep**.
- Data Visualization - Created interactive charts and dashboards **in Tableau**.
- Tech Used:** Tableau prep, Tableau Desktop, **Data Visualization**, Data Manipulation.

Mall Customer Segmentation: July 2024

- Objective:** Segmented mall customers based on spending patterns and demographics to enable targeted marketing strategies. Performed clustering analysis to identify distinct customer groups.
- Used data visualization techniques in **Python (Matplotlib, Seaborn)** to analyse spending behaviour.
- Developed an interactive dashboard in Power BI to track product trends and customer segments.
- Tech Used:** Python, NumPy, Matplotlib, Seaborn, Power BI, Google Collab, **Machine Learning Models**.

Bike sales Dashboard June 2024

- Objective:** Developed an interactive power BI dashboard to analyse bike sales data and provide actionable insights. Visualized revenue, customer demographics, and purchasing trends.
- Implemented filters and drill-throughs to track sales by region and customer preferences.
- Analysed seasonal demand for better business decision-making.
- Tech Used:** Data Analysis, Data Visualization, Power BI

CERTIFICATES

Data Analysis with Tableau Coursera	August 2024
Excel Skills For Data Analysis and Visualization Coursera	July 2024
SQL for Data Science Great Learning	February 2023

EDUCATION

Lovely Professional University	Punjab, India
Bachelor of Technology	February 2025 - Present
Computer Science and Engineering: CGPA- 7.17	

Om National Academy	Birgunj, Nepal
Intermediate	June 2019 - April 2021
Percentage: 88.8%	

Simara Subharambha Academy	Simara, Nepal
Matriculation	June 2006 - November 2019
Percentage: 78%	