

SAMIR KHANAL

Data Science & Machine Learning Intern

CONTACT

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SUMMARY

Aspiring Data Scientist and Machine Learning Engineer with a solid background in data analysis, visualization, and model development. Skilled in developing predictive models and deploying ML APIs using Flask and Django. Proficient in creating interactive dashboards and conducting thorough exploratory data analysis. Passionate about utilizing data-driven insights to solve real-world problems and enhance business decision-making. A highly collaborative team player who adapts seamlessly to evolving project requirements while consistently striving to achieve goals.

EDUCATION

Bachelor of Science in Computer Science and Information Technology (**BSc.CSIT**)
Amrit Science Campus (ASCOL),
Kathmandu, Lazimpath
02/2022 - 04/2026

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
- **Data Science Tools:** Pandas, NumPy, SciPy, Scikit-learn, Seaborn, Matplotlib
- **Machine Learning:** Supervised & Unsupervised Learning, Model Training & Evaluation
- **Web Development:** Flask, Django, Streamlit
- **Data Visualization:** Tableau, Matplotlib, Seaborn
- **Database Management:** MySQL
- **Other Tools:** GitHub, Postman, Figma, Photoshop, Illustrator

PROJECTS

- 1. Premier League Data Analysis & Visualization**
 - Extracted and processed EPL match data using Pandas and SQL.
 - Built interactive visualizations in Tableau & Matplotlib for in-depth performance analysis.
 - Developed predictive models to forecast match outcomes and team rankings.
- 2. Machine Learning-Powered Text Sentiment Analysis**
 - Implemented NLP techniques using Scikit-learn to analyze customer sentiment.
 - Built a Flask API for real-time text classification and deployed it using Streamlit.
- 3. F1 EDA Project and Web Scraping Projects**

INTERNSHIPS & EXPERIENCE

- Data Science & Machine Learning Intern** (Seeking Opportunities)
- Applying advanced EDA techniques and data visualization to derive insights.
 - Developing predictive models to improve decision-making processes.
 - Gaining hands-on experience in model deployment using Flask & Streamlit.

CERTIFICATIONS & COURSES

- **Machine Learning & Data Science :**
Completed multiple courses including Web Scraping, EDA, Hypothesis Testing, and Model Training from **Broadway Infosys**
- **Web Development with Django**
- **Data Visualization with Tableau**