SAMIR KHANAL

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SUMMARY

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

EDUCATION

Bachelor in Computer Science and Information Technology (BSc.CSIT)

Amrit Science Campus (ASCOL)

📅 02/2022 - 04/2026   📍 Lazimpath,Kathmandu

PROJECTS

1. Premier League Data Analysis & Visualization

🔗 https://epl-rank-predictor-done.streamlit.app/

- 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

🔗 https://intentchatbot-bysamirk.streamlit.app/

- 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. Resume Analyzer and Skill Gaping (Python, ML, Streamlit)

🔗 https://github.com/samir-khanal/career_path_finder

- Built resume parsing system for extracting skills/experience from PDF/DOCX
- Implemented ML model for role prediction and skill gap analysis
- Developed web app for gap analysis and career paths
- Tech: Python, Streamlit, Scikit-learn, pdfplumber, NLP

4. F1 EDA Project and Web Scraping Projects

🔗 https://colab.research.google.com/drive/181UaCSBnRd-lybbD6f8vGHAYNbHGuWPS?usp=sharing

- **Description**: Exploratory analysis of F1 racing data.

5. Customer Segmentation using ML with Flask & Streamlit

🔗 https://github.com/samir-khanal/Customer_Segmentation

6. Weather-App

🔗 https://weather-app-samirkshare.streamlit.app/

- Weather app using Streamlit where API is taken from openweathermap.org
- Both Historical and Current weather details
- Can Compare between cities

SKILLS

Python   SQL   Pandas   NumPy   SciPy

Scikit-learn   Seaborn   Matplotlib

Supervised & Unsupervised Learning

Model Training & Evaluation   Flask

Django   Streamlit   Tableau   MySQL

GitHub   Postman   Photoshop

Illustrator   Excel

CERTIFICATION

Data Science & Machine Learning
Broadway Infosys Nepal-2025

Web Development with Django

INTERNSHIP & EXPERIENCE

Data Science / Data Analyst Intern (Seeking Opportunities)

Activities:
- 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.

TRAINING / COURSES

Complete Data Analyst Bootcamp
Currently completing the course online from Udemy