

Anup Adhikari

Data Analyst, Data Scientist, Statistical Programmer

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Summary — Results-driven data analyst and statistical programmer with 2+ years of experience in data extraction, statistical analysis, and visualization using Python, R, SAS, SQL, and Javascript. Expert in machine learning, deep learning, and statistical modeling, with a focus on leveraging RAGs and LLMs for data error detection and standardization. Proven ability to manage large datasets, perform exploratory analysis, and deliver actionable insights through reports and dashboards. Strong communicator with a track record of collaborating with diverse teams to drive data-driven decision-making.

Skills

Languages Python, R, SAS, SQL, JavaScript, Bash	Tools Git, Bitbucket, Jira, MS Excel, Docker
Libraries Django, TensorFlow, LangChain, PyTorch	Database MySQL, MongoDB, PostgreSQL
Manipulation Pandas, NumPy, Scikit-learn, Tidyverse	Knowledge Machine Learning, Deep Learning, EDA,
Visualization Matplotlib, Seaborn, Plotly, ggplot2, Tableau	Statistical Analysis, NLP, RAGs, Agents

Professional Experience

Numeric Minds, 2 years 3 months

Naxal, Kathmandu

Data Analyst

Oct 2022- Present

- Designed and implemented data extraction, segmentation, and statistical analysis programs using languages such as R and Python.
- Optimized the code to generate summary, visualizations, and reduced execution time.
- Used RAG and LLMs to create AI-based solutions to identify data errors in various forms.
- Designed and created the Agentic LLM architecture to streamline the process of data standardization.
- Conducted exploratory data analysis and applied statistical methods, including hypothesis testing, t test, ANOVA, ANCOVA, and other statistical models to derive meaningful insights and support decision-making.
- Leveraged SQL to retrieve and manipulate data, contributing to efficient database operations.
- Applied logistic regression in risk analysis to model and predict outcomes, assess probabilities, and enable effective monitoring.
- Managed and organized large volumes of healthcare data, including structuring them into relevant categories and packets for analysis.
- Developed reports and dashboards to present complex data in clear and concise formats to stakeholders.

CMS Engineering Consult Pvt Ltd , 2 months

Thapagaun, Kathmandu

Data Surveyor

May 2022–June 2022

- Surveyed energy consumption data from 500+ households and various sectors.
- Gained insights into the socioeconomic conditions of people in Lamjung district.
- Developed strong communication skills by working with individuals from diverse cultural backgrounds.
- Learnt about the electronic data collections system and implemented for data collection

Education

IOE Pulchowk Campus, TU

Pulchowk, Lalitpur

Bachelors in Civil Engineering

Nov 2017-Apr 2022

St. Xaviers College

Maitighar, Kathmandu

Plus 2, Science

July 2015-April 2017

Certifications

Data Analyst with R Track

Datacamp

Google Data Analyst Certification

Coursera

Mathematics for Machine learning(linear algebra, multivariate calculus)

Coursera