Sagar Kalauni

in Sagar Kalauni | 🌐 My Portfolio | ✉ analyst.sagar07@gmail.com | 📱 (618) 917.9128

SUMMARY

Certified Data Analyst with academic and non-academic experience in data collection, analysis, and visualization, backed by a Master of Science in Statistics and PBC degree in Data Science. Proficient in a diverse array of data analysis tools and methodologies including ELT (Extract, Load, Transform), PowerBI, SQL, R, Microsoft Excel, Python, Machine Learning, and Tableau. Proven in uncovering actionable insights from raw data that help Stakeholder in data-driven decision making for organizational succes. Eager to channel my analytical strengths and critical thinking into a role, contributing to organizational growth and success as Data Analyst/ BI Analyst.

WORK EXPERIENCE

PRAIRIE STATE GENERATING COMPANY LLC (PSGC)   May 2024 - present
Analytics & Insights-Intern

- Performed ABC analysis to categorize inventory by value and importance, optimizing resource allocation and operational efficiency. Developed dynamic dashboard for seamless integration of new inventory items, facilitating real-time decision-making.

- Developed dynamic dashboards to monitor and manage gypsum, fly ash, and bottom ash inventories worth $**M at the power plant.

- Created outage-specific headcount dashboard and comprehensive forecasting reports for 2023 & 2024, including budget analysis and reports for financial and operational insights.

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE   Aug 2022 - May 2024
Graduate Teaching Assistant

- Collaborated with professors to enhance students' data manipulation, quantitative skills, and communication skills in math/statistics courses (e.g., R language STAT 380, Microsoft Excel lab), while also clarifying complex statistical concepts to ensure student understanding.

AASIRBAD ONLINE MEDIA, NEPAL   May 2019 - Feb 2022
Data Analyst- Part Time

- Helped in informed data-driven decision Making by analyzing viewership trends, and in content creation, story writing for one of the biggest online media in farwest Nepal.

SKILLS

Data Analysis Skills: ETL (Extract, Transform, Load), Data Visualization, Machine Learning, Advanced machine learning using R, Dashboarding, Web scraping, Statistics, Trend Analysis & Data-driven decision-making.

Technical Skills: PowerBI, SQL, R, Microsoft Excel/Google Sheets, rStudio, Python, Tableau, Arena, FilmoraGo, Teams, sharepoint, IBM Maximo, Microsoft Word and Microsoft powerPoint.

Soft Skills: Adaptability, Critical Thinking, Problem-Solving, Teamwork, Time Management, Leadership, Collaboration, Communication, Eagerness to learn, Creativity, Attention to Detail.

Relevent Courses

Foundations of Data Science, Predictive Modeling and Visualization, Machine Learning and Classification Methods, Applied Statistical Learning and Data Mining, Oracle SQL for Business Analytics, Multivariate Analysis, Discrete Multivariate Analysis, Mathematical Programming, Advanced Simulation Modeling, Statistical Analysis, Fundamentals of computer, Computer programming, Quantitative Reasoning.

Education

Southern Illinois University – Edwardsville   Aug 2022 – Dec 2024
Master of Science, Statistics and Operations Research   GPA: 4/4

Southern Illinois University – Edwardsville   Aug 2022 – Dec 2024
Post-Baccalaureate Degree Certificate, Data Science   GPA: 3.75/4

Tribhuvan University   Jan 2016 – Nov 2020
Bachelor of Science, Mathematics   GPA: 3.54/4

Projects

Machine Learning methodologies: Travel Insurance Data
Machine Learning and Classifications, SIUE   2023

- Utilized diverse machine learning techniques to predict travel insurance purchases, performed feature selection, and identified the optimal predictive model for 100 customers, providing actionable recommendations.

Oracle SQL: Madison Hospital Database
Oracle SQL for Business Analytics, SIUE   2023

- Utilized complex SQL queries to extract essential data from Madison Hospital's database.

Mistake bound for Multiclass perceptron Algorithm: MREG
Machine Learning research workshop, University of Michigan   2023

Google Data Analytics Capstone Project: Bike Cyclist Problem
Google Data Professional Certificate, Coursera   2022

Walmart Sales Data Analysis- PowerBI
Kaggle data Analysis, Finance industry data   2022

Awards and Honors

- Greg and Mary Ann Budzban Scholarship for Data Analysis   2024
- Matthew Samsel Graduate Assistant Fellowship in Mathematics & Statistics   2024
- Geographic Enhancement Opportunity (GEO) Award   2022
- Graduate Teaching Assistantship   2022

CERTIFICATIONS

- Google Data Analytics Professional Certificate   2023
- Python for Everybody Specialization: University of Michigan   2022