SAGAR KALAUNI  
Glen Carbon, IL | (618) 917 9128 | [analyst.sagar07@gmail.com](mailto:analyst.sagar07@gmail.com) | [www.linkedin.com/in/sagarkalauni7/](http://www.linkedin.com/in/sagarkalauni7/)

**PROFILE**

Certified Data Analyst with academic and non-academic experience in data cleaning, analysis and visualization. Experienced in generating insights for raw data for data driven decision making.

**SKILLS**

**Technical Skills**: Power BI, SQL, R, Power query M language, DAX, Microsoft PowerPoint, Power apps, Microsoft Excel/Google Sheets, SharePoint, IBM Maximo, RStudio, Python, Tableau, Arena, Teams & Microsoft Word.

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

**Soft Skills:** Problem-solving, critical thinking, and attention to detail-*from a math background*; teamwork, time management, leadership, collaboration, communication, and creativity-*as a content creator*; adaptability, eagerness to learn, and thankfulness-*as an international student*.

**WORK EXPERIENCE**

**PRAIRIE STATE GENERATING COMPANY, IL USA** May 2024 – Aug 2024  
*Analytics & Insight- Intern.*

* **Analyzed Completed and Pending Work Orders for 2024**: Identified discrepancies in planned vs actual spending for each work order, resulting in 2 times enhancement in budget efficiency for work orders.
* **Conducted ABC and Item Count Analysis**: Analyzed over 24,000 items in plant and mine inventory, driving improvements in quality and operational efficiency for a $46.9 million, plant and mine warehouse inventory.
* **Developed Dashboards for Repairable Items and Shutdown Dates**: Created and implemented dashboards that improved tracking efficiency by 99%, significantly enhancing the company’s operational oversight.

**SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE, IL USA** Aug 2022 – Present  
*Graduate Teaching Assistant.*

* Worked with professors to boost students' data manipulation, quantitative, and communication skills in math/statistics courses, and clarified complex statistical concepts to enhance comprehension.

**AASIRBAD ONLINE MEDIA, NEPAL** May 2020 – Feb 2021  
*Content Analyst.*

* Facilitated data-driven decision-making by analyzing viewership trends and contributed to content creation and story writing for a major online media outlet in Far West Nepal.

**AWARDS AND HONORS**

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

**EDUCATION**

SOUTHERN ILLINOIS UNIVERSITY – EDWARDSVILLE Aug 2022 – Dec 2024  
*Master of Science, Statistics & Operations Research GPA: 4/4*  
  
SOUTHERN ILLINOIS UNIVERSITY – EDWARDSVILLE Aug 2022 – Dec 2024  
*Post-Baccalaureate Degree, Data Science GPA: 3.75/4*

TRIBHUVAN UNIVERSITY – NEPAL Jan 2016 – Nov 2020  
*Bachelor of Science, Mathematics GPA: 3.54/4*

**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, Statistical and Machine Learning methods, Multivariate Analysis, Mathematical Programming, Advanced Simulation Modeling, Statistical Analysis, Fundamentals of computer programming.

**PROJECTS**

**Machine Learning methodologies: Travel Insurance Data***Machine Learning and Classifications, SIUE.*

* 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*

* 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***Google Data Analytics Capstone Project: Bike Cyclist Problem***Google Data Professional Certificate, Coursera***Walmart Sales Data Analysis- Power BI***Kaggle data Analysis, Finance industry data*

**CERTIFICATIONS**

* Microsoft Power BI Desktop for Business Intelligence: Maven Analytics 2024
* Mastering M language, Dax and Data Modeling: goodly 2024
* Google Data Analytics Professional Certificate: Coursera 2023
* Python for Everybody Specialization: University of Michigan 2022