

SAGAR KALAUNI

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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

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| • 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
<i>Master of Science, Statistics & Operations Research</i>	GPA: 4/4

SOUTHERN ILLINOIS UNIVERSITY – EDWARDSVILLE	Aug 2022 – Dec 2024
<i>Post-Baccalaureate Degree, Data Science</i>	GPA: 3.75/4

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

RELEVANT 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

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| • 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 |