

SAROJ PATHAK

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PROFESSIONAL SUMMARY

Advanced Power BI Developer and Certified SQL Developer, skilled in creating models, managing relationships, and implementing advanced Power BI DAX (Data Analysis Expressions). Detail-oriented MSc Data Science and Computational Intelligence graduate with a strong foundation in machine learning and deep learning, proficient in R language, PyNum, and other data analysis tools. Experienced in web scraping using Python and BeautifulSoup. Demonstrated expertise in creating advanced Excel charts and graphs. Possess a strong understanding of SQL solutions, confidence with Power BI, and hands-on experience using SQL servers to develop datasets. Additionally, I bring a background as a backend web developer, proficient in programming languages (Python, Java, Laravel, PHP, WordPress, JavaScript), and organizing data within databases (SQL, MongoDB, Firebase). Seeking a challenging role in data analysis where I can leverage my advanced skills in data science, web scraping, and visualization to drive meaningful insights and contribute to organizational success.

PROFESSIONAL SKILLS AND TRAINING

Licenses & certifications:	SQL (Basic) Certificate ., ChatGPT for Data Analytics
Data Visualization:	Microsoft Power BI (Power Query, Modeling, Relationship, DAX), Tableau , Advance Excel (Charts and graphs, data clearing, advance query), Matplotlib
Database and spreadsheet:	SQL, MS Excel, Oracle, Access, Firebase, mongoDB
Programming and Analytics:	R language (dplyr, ggplot2, tidyr, readr, caret), Python / Jupyter Notebooks (Matplotlib, Seaborn, Pandas Plotting, Plotly, Bokeh), Machine Learning, Deep Learning

PROJECTS

Power BI DAX Project

- Associated with Maven Analytics
- Description: Importing data, creating a data model with table relationships, constructing measures using functions like SUMX and COUNTX, formatting and commenting on measures, creating calculated columns, understanding the distinction between measures and calculated columns, referencing other measures, utilizing iterator functions, incorporating time and date functions, and applying logical functions like FIND, IF, and CALCULATE in Power BI.
- Skills: Microsoft Power BI, Databases, Data Visualization.
- Link: <https://github.com/sarojpathak/Power-BI-DAX>

Student Performance Using Data Mining Technique

- Project description: Predict student performance using data mining technique.
- Role in project: final dissertation
- Technology used: Pandas, Python, Machine Learning, Data Visualization
- Link: [sarojpathak/Wed-Scraping \(github.com\)](https://github.com/sarojpathak/Wed-Scraping)

Web scraping of big company

- Project description: get all company data, manager list and sort by their turnover.

- Role in project: owner
- Technology used: python, Beautiful soup, Google colab
- Link: [sarojpathak/Wed-Scraping \(github.com\)](https://github.com/sarojpathak/Wed-Scraping)

[Other projects are listed in LinkedIn profile and references are available upon request.](#)

WORK EXPERIENCE

Ai4less - Internship (Mar 2023 - Jul 2023)

Data Scientist Intern

- Assisted in data integrity, loading, and validation
- Conducted web scraping for data collection
- Engaged in statistical data analysis and visualization

Makura Creations- Pulchowk, Lalitpur

2018 – 2022

Web Developer

- Responsible for developing website using Laravel and Wordpress
- Working closely with designers and application developers to create full-fledged websites
- Collaborated with cross-functional team members to analyze potential system solutions for evolving client requirements

EDUCATION

Coventry University

2022 - 2023

MSc Data Science and Computational Intelligence

Coventry University

2017 - 2020

BS Computing (First Class Honours)

Maven Analytics

Excel Charts & Graphs

Additional Details

Expected Salary: £26000+

Availability: Immediately

Any adjustment: No

Age Group: 24-30

Ethnicity: Any other Asian (Nepalese)

Sex: Male

Disability: No

Visa status: Graduate Visa until 2025 June 27

LANGUAGE

Nepal: Native Language

English: Advanced Listener, Intermediate Speaker, Advanced Reading and Writing

Hindi: Intermediate Listener and Speaker

ADDITIONAL LINKS

GitHub: [Saroj Pathak's GitHub Profile](#)

Gitlab: [Saroj Pathak's GitLab Profile](#)