

AASHISH KARMACHARYA

Data Analyst | Software Developer

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PROFILE

IT graduate (BSc Hons Computing, Coventry University) currently completing an intensive Data Analysis with AI training program. Built two complete end-to-end data analysis projects covering web scraping, EDA, machine learning, SQL, and dual BI dashboarding (Power BI and Tableau). Seeking an entry-level Data Analyst role where I can apply and grow these skills.

TECHNICAL SKILLS

Languages: Python

Data Analysis & BI: pandas, matplotlib, seaborn, scikit-learn, SQL (SQLite), Power BI, Tableau

Web Scraping: requests, BeautifulSoup

Tools: Git, GitHub, Jupyter Notebook, Google Colab, Conda

DATA ANALYSIS PROJECTS

Football Match Outcome Analysis & Prediction | Python, pandas, SQL, scikit-learn, Power BI |

github.com/aashish-kar/football-match-analysis

- Analyzed 1,941 matches across 6 European competitions to study home advantage patterns and predict match outcomes.
- Engineered rolling 5-match team form features with leakage prevention; compared Logistic Regression and Random Forest models, selecting a class-balanced model after identifying that raw accuracy masked poor performance on minority outcomes.
- Re-analyzed the dataset in SQL (self-JOIN, aggregates) and built an interactive Power BI dashboard.

Book Store Analysis - Web Scraping, EDA, SQL & Dashboards | Python, requests, BeautifulSoup, SQL, Power BI, Tableau

| github.com/aashish-kar/book-store-analysis

- Built a 1,000-row dataset from scratch by scraping 50 pages of a live site with Python (requests, BeautifulSoup), including a second pass to extract category data per item.
- Identified and resolved a real data quality issue (placeholder/erroneous category values) rather than treating it as valid data.
- Found no meaningful correlation between price and rating ($r = 0.028$), independently confirmed across Python, Power BI, and Tableau.
- Built two independent BI dashboards (Power BI and Tableau Public, published with a live shareable link) to visualize findings.

EDUCATION

BSc (Hons) Computing | Coventry University, UK (via Softwarica College of IT & E-Commerce, Kathmandu) | 2022 – 2025

Business Management (Secondary) | Shree Bajrabarahi Secondary School | 2019 – 2021

TRAINING & CERTIFICATIONS

Data Analysis with AI | Python, OOP, Git, NumPy, pandas, matplotlib, seaborn, statistics, web scraping, Power BI, Tableau | Mindrisers Institute of Technology | In progress, nearing completion

IOA Certificate | Data analytics fundamentals - applying analytical techniques to real-world data

A.F.C.A.S. Positional Scouting & Recruitment Workshop | Data-informed scouting, talent profiling, and video analysis

LANGUAGES

English, Hindi, Nepali