

ABHISHEK KUMAR SINGH

Data Analyst

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[GitHub](#) | [Linkedin](#)

Education

Budge Budge Institute of Technology, MAKAUT
Computer Science & Engineering(AI), B-Tech
CGPA: 8.0

Kolkata, India
August,2023 - July,2027

Technical Skills

- Programming Languages: Python, Java, C++
- Object-Oriented Programming (OOP): Encapsulation, Inheritance, Polymorphism, Abstraction
- Frameworks & Libraries (Python): Scikit-Learn, FastAPI, Pandas, NumPy, Matplotlib, Seaborn
- Data Visualization Tools: Power BI
- Databases: SQL
- Tools & IDEs: Git, VS Code, Jupyter Notebook, PyCharm, MS Excel

Projects

[Deloitte Australia Data Analytics Job Simulation on Forage - July 2025](#)

Tableau, Excel

- Completed a Deloitte job simulation involving data analysis and forensic technology
- Created a data dashboard using Tableau
- Used Excel to classify data and draw business conclusions

[Visual Dashboard Development](#) | [Link](#)

Excel, Python

- Built an interactive visual dashboard by cleaning and preparing data using Python (Pandas) and visualizing key insights using Excel.
- Utilized Pivot Tables and Charts to filter and summarize data, enabling better understanding of patterns and trends.
- Applied Excel's text functions and date filters to categorize data effectively (e.g., age groups, date-based filters).
- Gained hands-on experience in data preprocessing, exploratory data analysis (EDA), and visual storytelling.

[E-commerce Product Data Scraper](#) | [Link](#)

Python(Requests and BeautifulSoup)

- Developed a web scraper to extract structured product data (name, pricing, sales, ratings, reviews, and links) from an e-commerce site using Python's Requests and BeautifulSoup libraries.
- Implemented the project within a `uv`-managed virtual environment to ensure clean, reproducible development workflows.
- Handled both structured and unstructured HTML data while adhering to ethical web scraping practices.
- Strengthened skills in HTML parsing, data extraction logic, and dependency management.

Certifications

- **Deloitte Data Analytics Job Simulation** | [Link](#)
- **Introduction to MS Excel** | [Link](#)
- **Pandas and NumPy** | [Link](#)
- **Python** | [Link](#)