

Daniel Aigbe

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Profile

Final-year BSc (Hons) Computer Science student at Technological University Dublin specialising in data analytics and statistical methods. Proficient in Python (pandas, NumPy, matplotlib, seaborn), with hands-on experience in CRISP-DM, exploratory data analysis, and reproducible workflows. Basic knowledge of SQL, strong Excel skills, and familiarity with Power BI dashboards. Passionate about turning raw data into actionable insights that drive smarter decisions.

Education

BSc (Hons) Computer Science, Technological University Dublin, Ireland

- GPA: 3.0/4.0 (aiming for 1st Class Honours)
- Relevant Modules: Data Analytics with Python, Databases (SQL MySQL), Cloud Computing, Advanced Software Engineering, Natural Language Processing

Experience

Programming Summer Camp Host, TU Dublin

- Mentored 100+ secondary students in Python, focusing on data analysis and structured problem-solving.
- Developed communication, teamwork, and adaptability skills while presenting technical material clearly.

Private Tutor (Python, Java), TU Dublin

- Tutored peers in Python for data analysis including data cleaning, transformation, and visualisation.
- Supported debugging and reinforced attention to detail in data-driven problem-solving.

Projects

Just Apply: Job Match Recommendation System (Final Year Project)

- Developing a job-matching platform using Python and data pipelines for CV and job description analysis.
- Cleaning, transforming, and analysing job datasets with pandas; planning SQL/MongoDB integration and Power BI dashboards.

Data Analytics Coursework Projects

- Applied CRISP-DM methodology on real-world datasets: data cleaning, EDA, visualisation, and reporting.
- Created actionable insights using matplotlib and seaborn.

Technical Skills

Data Analytics: Python (pandas, NumPy, seaborn, matplotlib), CRISP-DM, EDA

Data Tools: Microsoft Excel, Power BI, SQL (basic), Tableau (familiarity)

Programming: Python, Java, Django, React, HTML/CSS

Collaboration: Git/GitHub, Agile/Scrum, documentation, clear communication

Soft Skills: Analytical mindset, attention to detail, eagerness to learn

Achievements & Activities

- Competed in AWS GameDay and ZeroDays CTF, applying analytical thinking and technical skills under pressure.
- Founded and moderated a peer-learning community encouraging knowledge sharing and collaboration.
- Recognised for leadership and tutoring contributions at TU Dublin.