

Jennifer Udoye

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Education and Qualification

Nottingham Trent University

09/2023– 06/2027

- *BSc Mathematics with data science (Predicted: First class)*

Modules: Probability & Statistical Inference , Data Analysis , Artificial Intelligence and Machine Learning

Pendleton sixth form college

09/2021– 06/2023

- *BTEC Applied Science (Biology, Chemistry, Physics) - grades: D*D*D*

Work Experience

Facility Assistant — NHS, Highbury Hospital (Nottingham)

09/2025 – Present

- Maintain a clean and hygienic environment across hospital wards and patient areas, supporting high service standards in a regulated setting.
- Carry out routine cleaning tasks to prevent bacterial spread and support infection-control standards.
- Serve food to patients and keep food-service spaces organised and sanitised while responding to individual needs.
- Follow NHS health and safety procedures, waste-management protocols and confidentiality guidelines.
- Assist clinical teams by responding to requests that support smooth daily operations and patient care

Activity Leader, *SIS Spy Mission Ltd, Nottingham*

10/2023 – 09/2025

- Led structured activities for groups of 10-20 children, promoting teamwork, engagement and safety.
- Coordinated 30+ children's birthday events, ensuring personalised, smooth and enjoyable experiences.
- Communicated regularly with 20+ parents and 5+ staff members per week, managing logistics, special requirements and real-time concerns.
- Designed and delivered interactive programmes for groups of up to 15 children, incorporating puzzles, role-play and teamwork challenges.
- Planned and executed 30+ themed programmes, adapting content to age groups and different group dynamics.

SMBC Women in Banking Insight Day | SMBC Group EMEA, London

08/2026

- Selected for a competitive one-day programme gaining exposure to corporate and investment banking across debt capital markets, structured finance, project finance and global markets.
- Completed a 1:1 mock interview with SMBC professionals and received direct feedback on motivation, competency-based responses and deal acumen.
- Developed understanding of SMBC's relationship-management model and networked with graduates, placement students, senior leaders and front-office teams.

HSBC Women in Banking Insight Programme | Birmingham

09/2025

- Selected for an insight programme focused on Business Analysis, Consulting and Relationship Management within Wealth & Personal Banking.
- Worked on a banking-app redesign case study, analysing customer needs and proposing digital solutions to improve the experience of younger clients.
- Gained exposure to HSBC's approach to digital banking, customer-service innovation and relationship management

Project

GDP vs Human Capital Index Analysis

Regression | ANOVA | Correlation

- Analysed GDP per capita and Human Capital Index data across 100 countries, applying ANOVA, correlation and linear regression to identify regional differences and economic patterns.
- Interpreted model outputs and residual diagnostics, translating quantitative analysis into clear economic conclusions

Access to Drinking Water in Africa

Excel | SQL | Power BI

- Cleaned and consolidated multiple real-world datasets and used SQL to analyse regional trends, population needs and disparities across provinces.
- Built Power BI dashboards and translated findings into clear visuals and recommendations for non-technical stakeholders.

Customer Churn Analysis

| Python | pandas | scikit-learn

- Analysed 7,043 customer records across 20 features to identify key drivers of customer churn and assess their business implications.
- Prepared data for modelling, trained a decision-tree classifier and translated feature-level findings into practical recommendations.

Analysis of Income Drivers in Data Science Careers

Python (Pandas, NumPy, Scikit-learn), Data Visualisation

- Analysed a large-scale Kaggle survey dataset, engineering features and using clustering and classification models to identify structural drivers of income.
- Compared models using accuracy, precision, recall and F1, then communicated insights linking job role, industry, company size and work activities to earning potential.

Extracurricular Activities

Investment Society

Member

- Used Bloomberg Terminal to conduct company research, monitor financial-market performance and support investment analysis.
- evaluated five companies against a client brief to identify the strongest fit, strengthening comparative analysis and recommendation skills.
- Participated in an industry Q&A session to broaden understanding of finance careers and professional expectations.

University Language Programme

Mandarin - Units 1 & 2

- Completed two years of Mandarin study through the University Language Programme, earning Unit 1 and Unit 2 certificates.

Skills/ Interest

Tools: Microsoft Excel, PowerPoint, Bloomberg Terminal, Power BI, Python, SQL, Jupyter Notebook

Core Skills: Quantitative analysis, data cleaning, statistical analysis, stakeholder communication, teamwork, initiative, problem-solving, attention to detail

Languages: English; Mandarin (beginner, two years of university study)