

CYNTHIA CLIFFORD

DATA SCIENTIST

Warren, VT • cynthiaclifford@gmail.com • 802.917.8685 • [LinkedIn](#) • [Data Project Portfolio](#)

PROFESSIONAL SUMMARY

Experienced Data Analyst specializing in data cleaning and mining and communicating insights clearly and simply. Analytical and a creative problem-solver. Able to convey complex ideas in understandable ways. Previously taught mathematics and statistics in international schools. A highly motivated and adaptable life-long learner, skilled in working cross-functionally.

CORE COMPETENCIES

- Spreadsheets (Excel | Sheets)
- SQL (Big Query | MySQL)
- Tableau | Power BI
- Statistics
- Data Storytelling
- R | Python
- Salesforce CRM/APIs
- Data Cleaning
- AI
- Modeling
- Project Management
- Analysis & Visualization

PROFESSIONAL EXPERIENCE

Strategic Energy Management Data Scientist

CLEARResult Consulting, Austin, TX (remote) | July 2024 — PRESENT

- Prepare, clean, and process site production, weather, and energy data to create statistical models in JMP software.
- Conducted discovery sessions with site teams to optimize data structures, resulting in improved data quality and actionable insights that inform energy-saving strategies for over eight sites monthly.

Sales Operations Analyst and Data Scientist

Impossible Foods, Redwood City, CA (remote) | Nov 2023 — July 2024 (laid off)

- Accelerated sales reporting by three days, enabling the Sales team to act swiftly on the latest data, resulting in improved forecasting accuracy and more responsive customer engagements.
- Generated 20+ POS reports for 10 Tableau and 2 Google dashboards weekly for ELT and Sales Team. Created templates and implemented automation processes to reduce report creation time by 50%.
- Conducted ad-hoc queries and extracted data from Circana, NPD, and 84.51 to address inquiries and offer insights to Sales teams.

Data Analyst

Snow Data Science, Lindon, Utah (part-time) | Jan 2023 -Nov 2023

- Developed three tooltips (how-to's) and four video lessons for online course modules, enabling over 500 students to learn and implement software and applications for data analysis.
- Designed a demographic visualization dashboard for the course website.

Data Analyst and STEM Coordinator

Concordia International School Hanoi, Hanoi, Vietnam | 2021 — 2023

- Analyzed and interpreted data and LMS analytics to adjust educational strategies for 85+ individuals yearly using Excel and Sheets.
- Taught AP Statistics (and 4 other courses) synchronously remote, hybrid, and in person; developed resources and presentations.
- Used project management skills and led a cross-functional team of 9 STEM educators through curriculum review, resulting in better course alignment and placement processes and a 20% decrease in course and level switches by students.

Team Lead Mathematics Educator

International School Yangon, Yangon, Myanmar | 2020 — 2021 (laid off)

- Utilized technology skills to analyze diagnostic results, track performance metrics, and create learning activities for 85+ learners.
- Attended to the social and emotional needs of students during a military coup.

Team Lead & IB Mathematics Educator

American International School of Lagos, Lagos, Nigeria | 2018 — 2020

- Triangulated complex data sets and used data analysis and statistical analysis to improve course selection process; translated insights and presented process to stakeholders (parents and administrators); led to a 400% decrease in meetings with parents.
- Monitored and analyzed KPIs to revise course curricula. Increased participation in calculus-based courses by 500%.

OTHER LEADERSHIP AND TRAINING EXPERIENCE

- Created and led 25+ multi-day workshops for 400+ global educators on DEI and best practices in math instruction as IB Workshop Leader
- Developed program for 180+ participants and trained 40+ instructors as Gifted and Talented Coordinator. Managed budget.
- Selected by AERO (American Education Reaches Out) to develop curricula that were disseminated to over 180 schools worldwide.
- Implemented International Baccalaureate Program and trained 35 instructors. Tracked data, used data analysis to interpret test results, and created a data reporting system to translate results to stakeholders and to drive strategic initiatives.
- Effectively listened, communicated, and collaborated with diverse populations; worked in 12 countries with students, parents, and colleagues from 70+ countries. Led multiple cross-functional teams as head of department.
- Organized multiple trips for groups of 40+ to volunteer for Habitat for Humanity, requiring skills in problem-solving and decision-making.

DATA ANALYSIS AND DATA VISUALIZATION WORK SAMPLES

- [What's Up With Schools?](#) (Tableau) – Created a [dashboard](#) communicating data-driven insights about DEI impacts on educational results and trends and offered solutions. Skills: KPIs | Data Visualization | Dashboards | Charts | Parameters
- [Patient Profiles Healthcare Analysis](#) (MySQL) – Mined data, analyzed patient hospitalization datasets, and suggested areas for further investigation. Skills: JOINS | UNION | CASE | CONCAT | WITH | HAVING | Data Storytelling

EDUCATION AND CERTIFICATIONS

MS, Education (3.9 GPA)

BS, Mechanical Engineering (3.4 GPA)

Data Analytics Accelerator Program

PreSales Academy

Bank Street College of Education, New York, NY

Columbia University School of Engineering and Applied Sciences, New York, NY

Data Career Jumpstart-completed June 2023

PreSales Collective-completed October 2024