

Dear Hiring Manager,

I am excited to apply for the Data Analyst position at Clearwater Analytics. As a double major in Mathematics-Computer Science and Philosophy, I enjoy breaking down complex problems and finding patterns in data. With my specialisation in Data Science, I am eager to contribute my skills in data analysis, visualisation, and statistical modelling.

I engage with data science both in the classroom and as a hobbyist. I've worked extensively with R, particularly using packages like tidyverse, tidymodels, and ggplot2. I've also built machine learning models, including logistic regression and classification models, applying techniques like feature engineering and model evaluation. My projects have ranged from analysing spending habits using logistic regression and random forests to developing a database-driven analysis of music release trends. I am also familiar with SQL and Python and have applied them in data processing and analysis.

My background in philosophy has strengthened my analytical thinking and problem-solving skills. Whether investigating complex datasets or exploring abstract ideas, I value precision, clarity, and logical reasoning—qualities that translate directly into working with data. I also enjoy presenting insights in a way that's accessible and actionable, whether through visualisations, reports, or data-driven storytelling.

I would love the opportunity to bring this mix of technical and analytical skills to your team. I have attached my resume and a link to a project showcasing my work. Thank you for your time and consideration. I look forward to the possibility of discussing this role further.

Best,

Ashley Russell