



## Daniel H. King

*Geospatial Data Scientist*



Mr. King joined Sonoma Technology in 2022. Throughout his career, he has applied his knowledge of air pollution, data science, statistical analysis, and data visualization to support the development of data science tools for air quality assessment. Mr. King is currently based in Brooklyn, NY.

At Sonoma Technology, Mr. King develops and automates air quality data processing for real-time air pollution mapping and forecasting. This work involves creating programmatic solutions to challenges within the data analysis pipeline. Mr. King also supports numerous refinery fence-line monitoring projects through air quality data analysis, quality assurance, and review.

### Education

- Master of Data Science, University of British Columbia
- BSc, Chemistry, Simon Fraser University

Prior to joining Sonoma Technology, Mr. King earned his master's degree in Data Science at the University of British Columbia. His team's capstone project involved creating an open-source python package to decompose electromyography signals for applications in neuromuscular research. Before attending graduate school, Mr. King was working in an environmental analytical lab performing oxygen demand measurements on wastewater. While earning his undergraduate degree, Mr. King performed research to develop a novel spectroscopic method using an ultra-fast laser, as well as research involving nanomaterials, polymers, and organic synthesis.

Mr. King has skills in python, R, sci-kit learn, SQL, noSQL, and is developing skills in GIS.