



ML/Data Analysis Position

[H2Ok Innovations](#) is an IoT-enabled analytics platform providing data-driven optimization of industrial liquid systems for manufacturing. Liquid and water systems are at the heart of industrial manufacturing, but current methods of managing these fluid systems are incredibly inefficient and archaic, relying on manual grab sampling or monolithic sensors. This results in a lack of data and visibility, causing excessive resource and operating costs, as well as inefficient operations. We are rethinking this approach, with our comprehensive OS system consisting of a network of our capital unintensive sensors, coupled with our ML-based optimization software. We believe in unlocking previously untapped data for our customers—who comprise society's most fundamental sectors—to enable them to gain a competitive advantage on the way they operate and bringing [Industry 4.0](#). We are servicing major customers including Fortune 500 enterprises and backed by 2048 Ventures, 1517 Fund, Flybridge Capital, Techstars, and more.

Job Responsibilities:

- Build predictive models for composition analysis of samples using sensor spectral data
- Develop algorithms for time series analysis and predictive alerts for industrial process optimization
- Work with team and customers to ensure algorithms generate accurate and reliable results
- Design and conduct tests of samples, perform statistical analysis, and interpret test results of developed algorithms.
- Building and maintaining good documentation of workflow and machine learning processes.

Qualifications:

- Experience working with complex datasets with multiple variables.
- Extensive knowledge of ML frameworks, libraries, data structures, data modeling, and software architecture.
- In-depth proficiency with Python and programming
- Demonstrated ability to work successfully in a fast paced team environment/product iteration cycle

Location: Greater Boston Area, but open to the option of remote work

- Full time position with competitive compensation

Contact:

Send your resume and application to david@h2okininnovations.com and joseph@h2okininnovations.com