

The Citrine Platform for Machine Learning and Data Management

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Since 2013, Citrine Informatics has worked at the intersection of materials science and AI. Powered by uncertainty-aware graph-based models and domain-specific optimization in a sequential learning loop, the Citrine Platform enables materials and chemicals organizations to apply AI to R&D and new product development even when initial data is scarce and sparse. The platform has been used to accelerate product development, guide R&D strategy, and capture and reuse domain knowledge at leading materials and chemical companies like Showa Denko, BASF, Lanxess and AGC. Citrine has also collaborated with leading universities and national labs like MIT, UC-Berkeley, CMU, and NIST to advance the field of materials informatics.

We will share:

- An end-to-end demo of the Citrine Platform
- An overview of the Citrine Platform's applications to different use cases and materials classes
- Examples of customer and research successes