universite PARIS-SACLAY

Paris-Saclay Center for Data Science

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Automation for chemical data analysis techniques

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Chemical data acquired from different analytical techniques and disparate analytics platforms has become high volume and lacks of well organized. The raw data is formed under several different proprietary formats. All data requires to convert to a common open data formats for storage, analysis, pre-treatment and treatment. The current scientific workflows are manually done and requires a certain knowledge of programming languages.

We propose a solution which can technologize the scientific workflow. Furthermore, the system enables to automate workflows with less efforts and without having manually initiate the complex configuration.

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