



Utilizing CDISC CORE Validation Tools for Clinical Submission Domains

Presented by Daniel Christen, Life Sciences Industry Expert at SAS Institute AG
May 15th 2025



Meet the Speaker

Daniel Christen

Title: Life Sciences Industry Expert

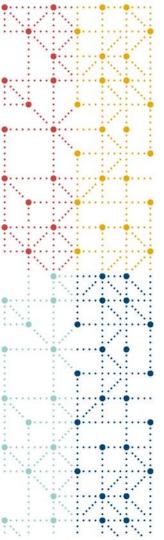
Organization: SAS Institute AG

Daniel Christen is a life sciences industry expert at SAS, a leading provider of analytics software and solutions for the life sciences sector. Since his start in 2010, he has played a pivotal role in empowering SAS clientele to navigate the extensive data landscape for enhanced business value. His areas of emphasis include the modernization of processes, fostering data transparency, and addressing pharmaceutical development challenges, all contributing to the conversion of complex data into groundbreaking insights.

Disclaimer and Disclosures

- The views and opinions expressed in this presentation are those of the author(s) and do not necessarily reflect the official policy or position of CDISC.
- The author(s) have no real or apparent conflicts of interest to report.





Agenda

- 1. Use Case Overview
- 2. Importing data to your repository
- 3. Connecting your repository to VS Code
- I. Making your data available in VS Code
- 5. Connecting the CDISC CORE Rules Engine
- 6. Setting up the Python environment for the CDISC CORE Rules Engine
- 7. Executing the CDISC CORE Rules Engine
- 8. Writing the final report to your repository under version control
- 9. Q&A



CDISC CORE Rules Engine

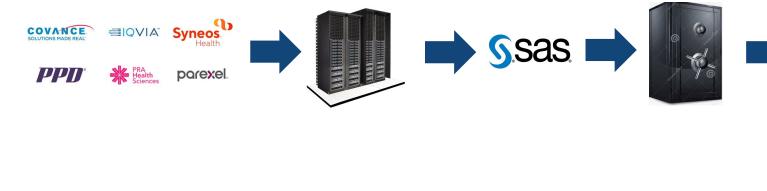
cdisc-rules-engine

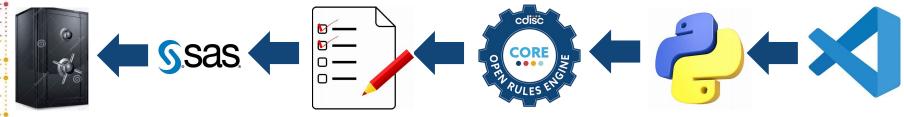
Open source offering of the CDISC Rules Engine, a tool designed for validating clinical trial data against data standards. To learn more, visit our official CDISC website or for other implementation options, see our DockerHub repository:

https://github.com/cdisc-org/cdisc-rules-engine



Use Case Overview

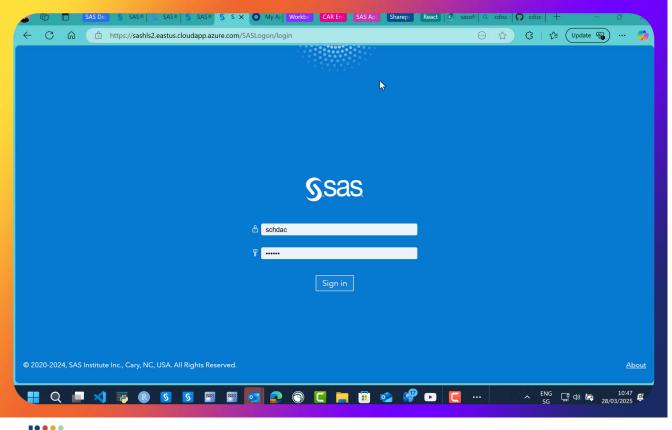








Importing data into the repository

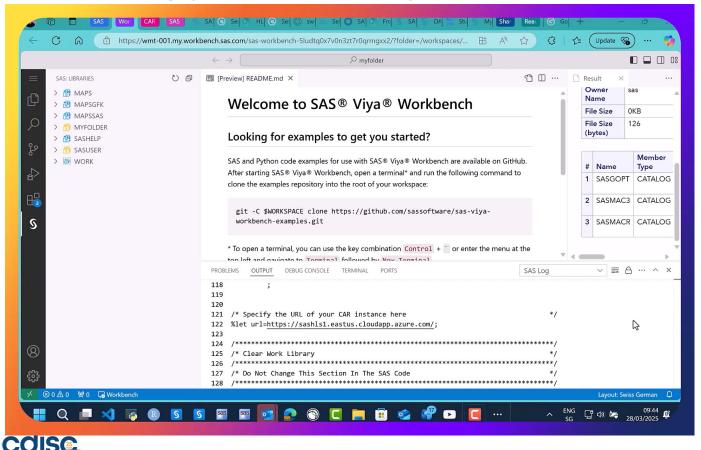






Connecting your repository to VS Code

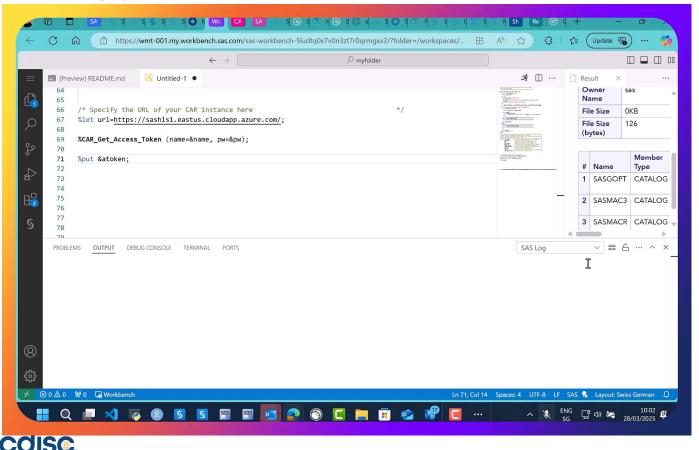
Connecting your repository to VS Code





Making your data available in VS Code

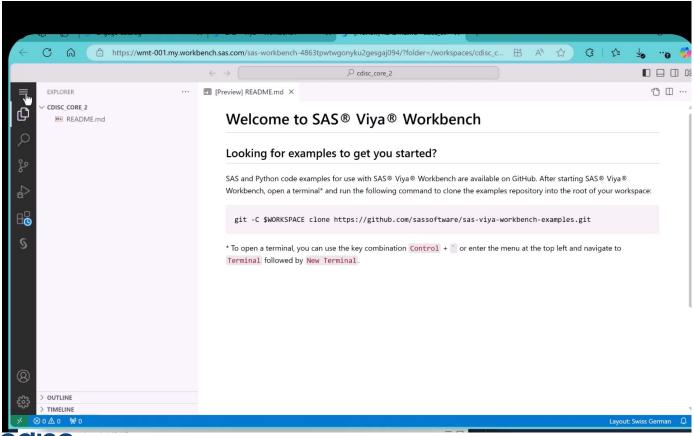
Making your data available in VS Code





Connecting the CDISC CORE Rules Engine

Connecting the CDISC CORE Rules Engine

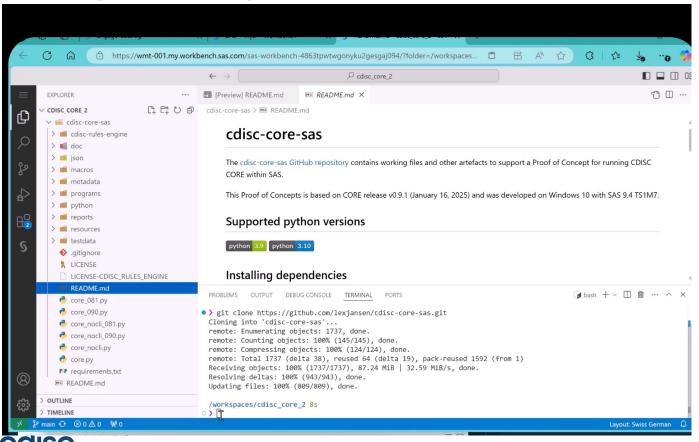






Setting up the Python environment for the CDISC CORE Rules engine

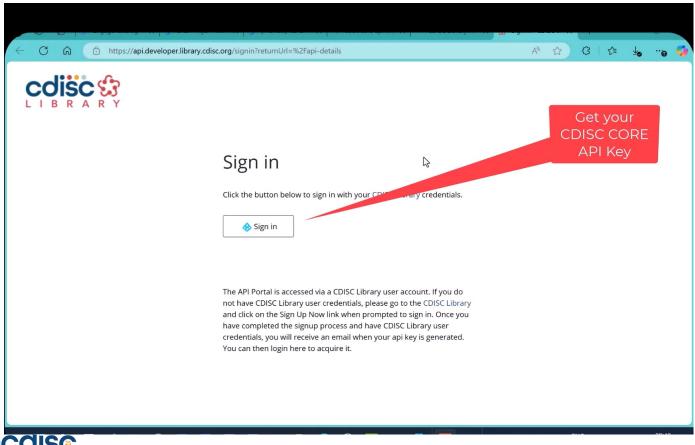
Setting up the Python environment





Executing the CDISC CORE Rules Engine

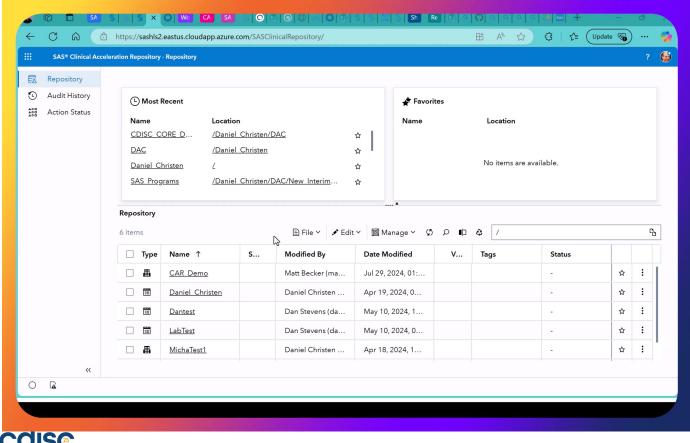
Executing the CDISC CORE Rules Engine





Writing your final report to the repository under version control

Writing the final report to your repository







Summary



By combining the CDISC CORE Rules Engine, VS Code, SAS, Git, and Python capabilities, we can efficiently validate clinical trial data against CDISC standards and securely store the final report under version control in your preferred clinical data repository.





Thank You!

