



Explore, prototype and learn

The SDMX lab is open source and part of sdmx.io



Hands-on SDMX. Instantly.

Explore, experiment and learn SDMX in your own personal browser-based lab.

No setup, no servers, no complexity. Get started within seconds.

1 What is the SDMX Lab?

The SDMX lab provides every user with their personal sandbox - a personal SDMX environment where they can explore, test and learn without limits - no setup required.

It integrates key tools from the sdmx.io ecosystem such as the Fusion Metadata Registry (FMR), the .Stat Suite and the Reference Infrastructure (RI) supporting the entire SDMX lifecycle from data modeling to data dissemination and reporting.

2 Key Use Cases

- **Quick start:** Try SDMX tools instantly in a ready-to-use sandbox – no setup required.
- **Training & onboarding:** Run courses or onboard new users with dedicated lab instances, without IT hurdles.
- **Evaluation & prototyping:** Test tools, versions, and workflows safely in an isolated environment.
- **Self-paced learning:** Enable hands-on practice with real SDMX tools anytime, anywhere.

3 Core Features

- **Secured browser access & cockpit:** Personal lab space with quick access to all SDMX tools.
- **Fusion Metadata Registry (FMR):** Create, manage, and validate structural metadata.
- **.Stat Suite:** Transform, validate, and disseminate SDMX data across the full lifecycle.
- **Reference Infrastructure (RI):** Disseminate SDMX compliant data directly from existing databases via standard APIs.
- **Excel & notebooks:** Work directly in Excel or use preconfigured Jupyter notebooks.
- **Reset Button:** Start fresh anytime with one click.



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4 Roadmap

- **Faster sign-up:** Get access to your lab with just a few clicks.
- **Use Case-based labs:** Choose from a list of pre-defined use cases and get your environment tailored to your specific application area.
- **AI-powered SDMX:** Let AI suggest and generate structures based on existing data and metadata.
- **Collaboration features:** Work together in the same lab instance and co-create SDMX structures in real time.
- **VTL Support:** Define and apply validation & transformation rules with an intuitive editor.



Ready to accelerate your SDMX initiatives?

Our experienced team supports you from first orientation and training to prototyping workflows. Together, we ensure you unlock the full potential of SDMX with lasting impact.

Your Contact

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<https://www.sdmx.io/software/sdmx-lab/>

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