

Introducing the  
**SDMX lab**



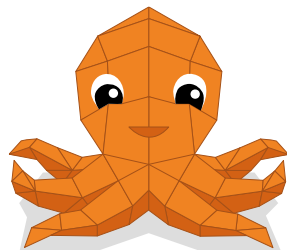
**SDMX lab**

# sdmx.io

## Solutions for official statistics and SDMX use cases

### The Ecosystem:

- ✓ Managed by the BIS with strong support of partners including SDMX sponsors, public sector organizations, and private companies.
- ✓ Includes trusted tools like Fusion Metadata Registry (FMR), pysdmx, SDMX Metadata AI Assistant, VTL tools and SDMX Connectors.
- ✓ Adheres to a free and open-source, standards-based partnership model.
- ✓ Designed around interoperability and addressing practical use cases, with learning material.



### SDMX Sponsors:



**Built by and for the SDMX community – for lasting impact, trusted by organizations and agencies world-wide**

# Why the SDMX lab Exists

A practical response to common implementation and capacity-building challenges in SDMX adoption



## Setting up environments for training or PoCs can be time-consuming

Even small proof-of-concepts may require coordination with IT or budget for temporary infrastructure.



## Live training is limited when access to live systems is restricted

Many SDMX tools require server setup or admin rights — meaning that training remains theoretical or is confined to a single instructor-led demo.



## Testing and PoCs should not interfere with productive systems

Institutions need isolated, stable environments to explore workflows without affecting operational data or configurations.

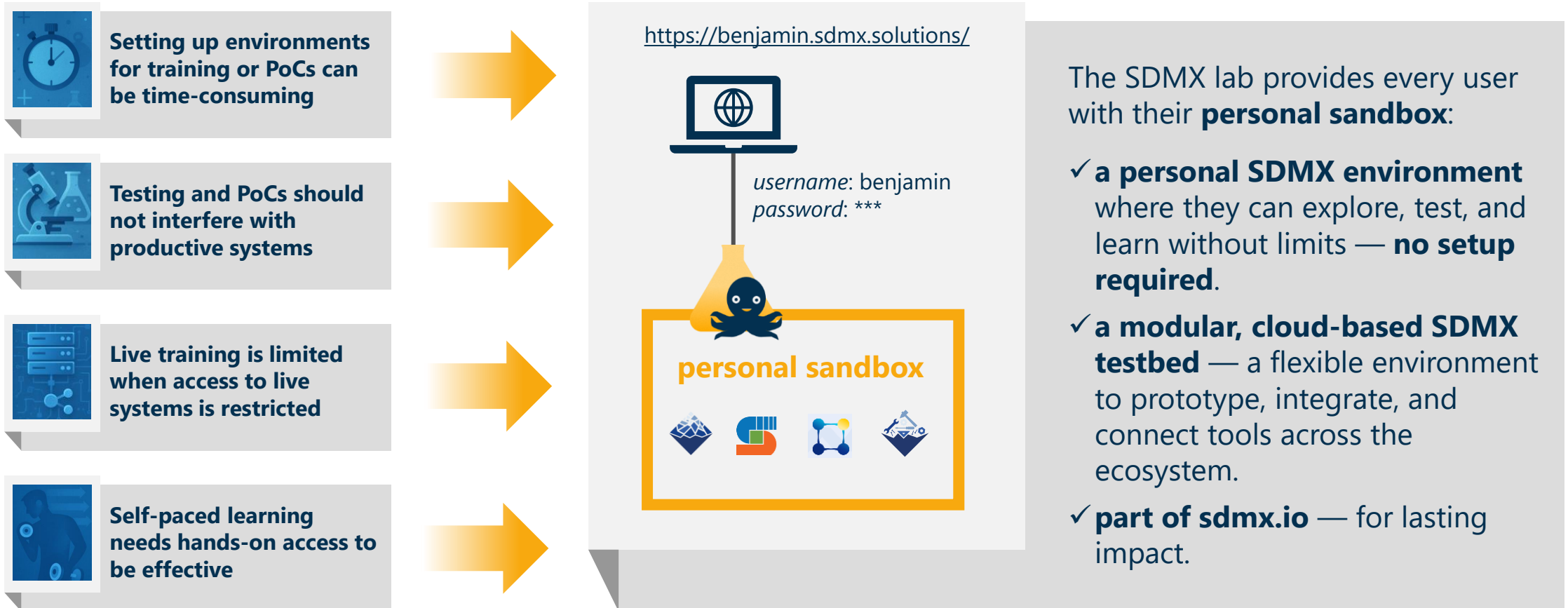


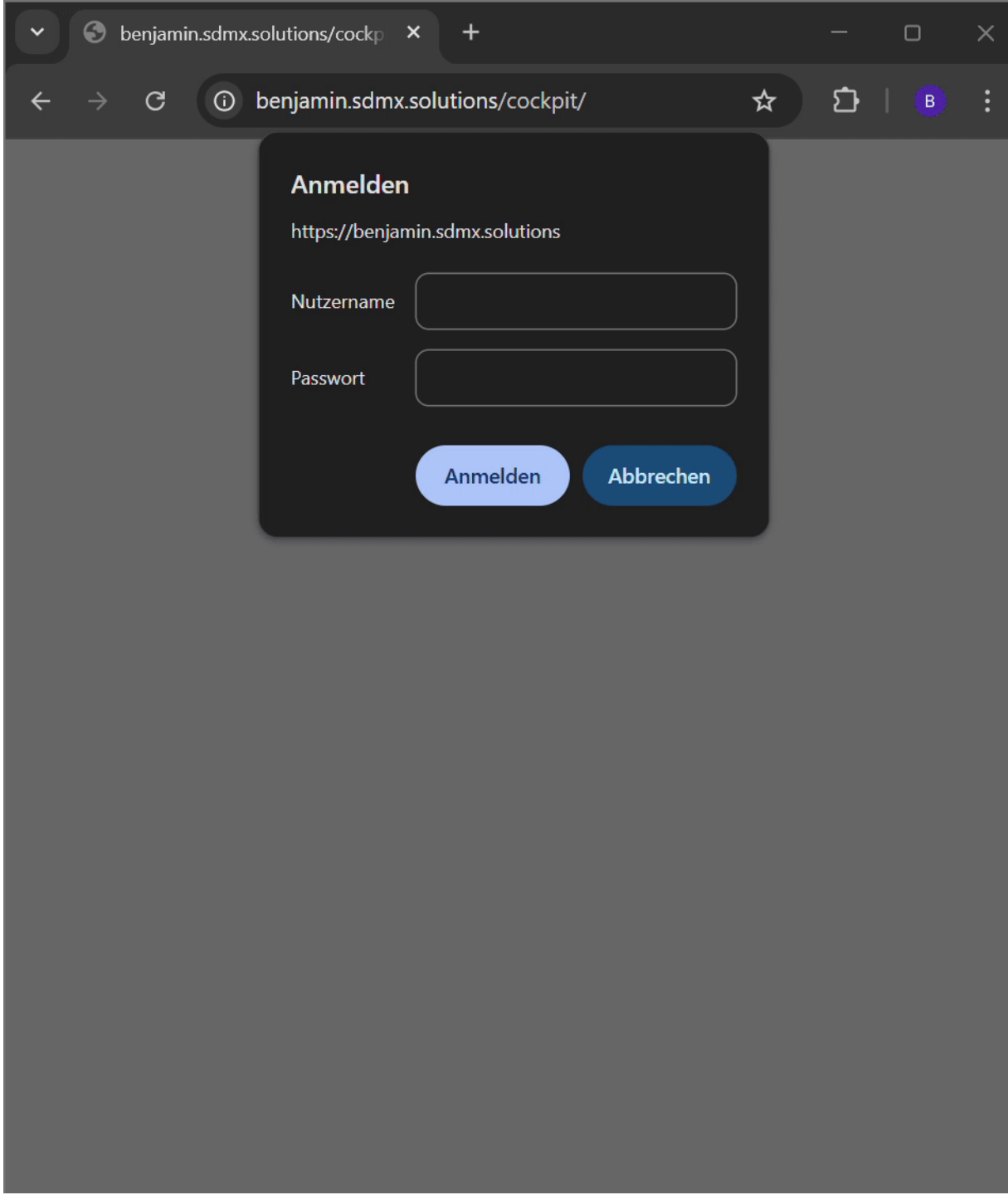
## Self-paced learning needs hands-on access to be effective

Public courses and materials are more valuable when participants can explore real SDMX tools in a safe, personal environment.

# The SDMX lab – What is it?

The SDMX lab takes the sdmx.io ecosystem to new heights — into the cloud.





# Product Demo

## Login & Cockpit

### Secured Login via Browser

Log in to your personal instance using the provided URL, username, and password.

### The Cockpit

Your central hub with quick access to all available SDMX tools.

v2.5.5

Created: 2025-09-19 14:49

Labspace-ID: benjamin



## SDMX lab Your Labspace

Your personal SDMX environment.

Welcome to the SDMX lab! If you are new to the lab, we encourage you to start at the [Try It Yourself](#) section. Otherwise, you will find all relevant apps and tools below. If you want to request a feature or report a bug, please contact [sdmx@analytical-software.de](mailto:sdmx@analytical-software.de).

## Apps

Seamlessly navigate to and use the most popular open source applications provided by sdmx.io and the community. All tools are cloud-based and work out of the box.



### Fusion Metadata Registry (FMR)

FMR is the global standard for managing SDMX metadata. Used by institutions worldwide, FMR is fully integrated into each lab instance – giving you complete metadata capabilities out of the box.

v11.19.4

Online

Fusion Metadata Registry

Open →



### .Stat Suite

The .Stat Suite is one of the most widely adopted platforms for implementing the full SDMX

# Product Demo

## Apps

### Fusion Metadata Registry (FMR)

Create, manage, and validate SDMX structural metadata directly in your lab.

### .Stat Suite

Validate, transform, and disseminate SDMX data with the fully integrated .Stat Suite.

### Reference Infrastructure (RI)

Disseminate SDMX-compliant data directly from existing databases via standard APIs.



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v11.19.4

• Online

Fusion Metadata Registry

[Open →](#)



### .Stat Suite ↔

The .Stat Suite is one of the most widely adopted platforms for implementing the full SDMX lifecycle. Now fully integrated into the SDMX Lab alongside FMR, it enables seamless workflows for data reporting, validation, and dissemination.

v25.0.0

• Online

Data Lifecycle Manager

[Open →](#)

v25.0.1

• Online

Data Explorer

[Open →](#)

vLatest

• Online

Fusion Workbench

[Open →](#)



### Reference Infrastructure (RI)

The SDMX-RI enables the production and dissemination of SDMX data from existing reference/dissemination databases. It is composed of reusable building blocks that are designed to provide data and structural metadata based on mappings to each organization's

# Product Demo

## Python & Excel Integration

### FusionXL Excel Add-In

Connect Excel to FMR to maintain and import metadata.

### .Stat DLM Excel Add-in

Retrieve and edit data from .Stat Suite directly in Excel.

### Notebook Access to Tools (pysdmx)

Use preconfigured python (Jupyter) notebooks to connect to FMR and .Stat Suite.



## Public Registries Integration

Browse and explore available public SDMX registries on the web. Easily import real-world metadata into your lab instance to experiment, learn, or connect your work to established data schemas.

[Environments in FMR](#) →



## FusionXL Excel Add-In

The FusionXL Excel Add-In allows users to connect Excel to the Fusion Metadata Registry, enabling seamless data import, maintenance and export.

[View FusionXL documentation](#) →



## .Stat DLM Excel Add-in

.Stat DLM Excel Add-in lets you retrieve and edit data and metadata directly in Excel. It connects seamlessly to the .Stat Suite in your SDMX lab, giving you instant access within your spreadsheet.

[Download the Add-In](#) →



## Notebook Access to Tools

Preconfigured Jupyter notebooks show how to connect to FMR and the .Stat Suite via their REST APIs. Work directly from code to access, transform, and automate SDMX workflows.

[Open Jupyter notebook demo](#)

# Product Demo

## Admin Controls

### Reset Button











Start fresh anytime with one click.









# Features and Roadmap of the SDMX lab

The SDMX lab is under active development

## Features

-  Fusion Metadata Registry 
-  .Stat Suite including FWB 
-  SDMX-RI 
-  Notebook Access 
-  Support for Training Events 

## Roadmap

-  Faster Sign-up 
-  Use Case-based labs 
-  Collaboration Features 

## Have a Try!

On **Thursday** and **Friday**  
at the Capacity Building  
Session of the SDMX  
Global Conference 2025.  
Or come to our **booth**!

 **SDMX GC**

# The SDMX lab

## Summary

The SDMX lab is your **individual sandbox**:

- ✓ your personal SDMX environment
- ✓ conduct PoCs quickly
- ✓ no setup required
- ✓ open source and owned by BIS

Request your instance now at

[sdmx@analytical-software.de](mailto:sdmx@analytical-software.de)

