

# SI-225: Stop Making More Uncontrolled Copies of Your CDISC Data Sets

PharmaSUG 2025

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# Meet the Speaker

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**Title:** Executive Director, Data Science

**Organization:** CDISC

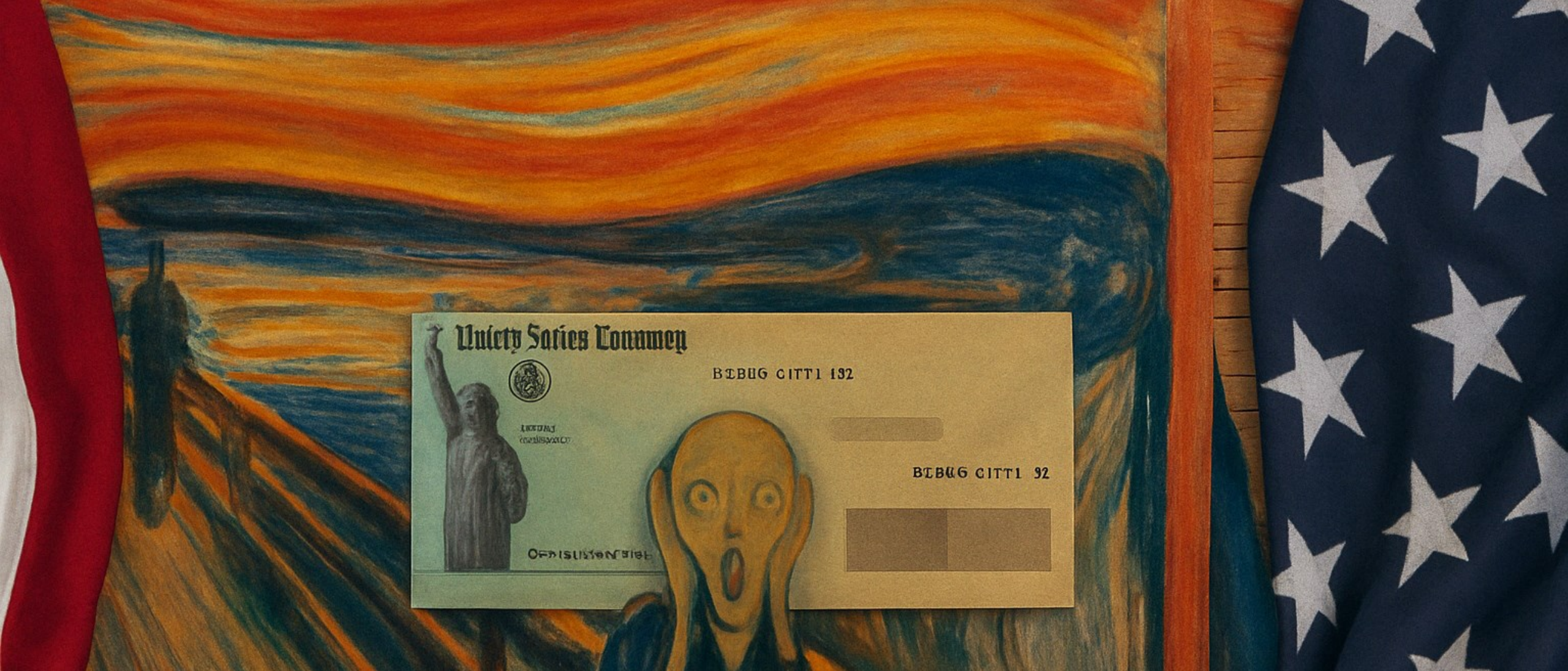
A data engineer by day, tech tinkerer by hobby, and newly minted health informatics grad from Tufts University. Spent a good chunk of his career in the biopharma world, including over a decade at CDISC, where he had a hand in projects like the CDISC Library, Controlled Terminology Relationships, Biomedical Concepts, CORE, and 360i. Always on the lookout for smarter ways to work with clinical data.



## Before We Start

↪ My conference proceedings are on GitHub (License: CC BY 4.0): <https://github.com/chowsanthony/pharmasug2025us>





## Traceability or Chaos: A Tax Filing Story





April 14th. Where Are Your Receipts?





# Two Tax Filers. Two Outcomes.

Image credits: Scopio and Roman Shashko from Noun Project.



# The Uncontrolled

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- No original source easily available
  - Manual changes without record
  - Stress, errors, penalties
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## THE DANGER OF UNCONTROLLED COPIES



Copying numbers manually.



Losing receipts.



Making “guesstimates”



Getting an audit letter

## A MESSY INCOME TAX FILER



# HOW WE HANDLE CLINICAL DATA TODAY (TOO OFTEN)





# TREATING DATA LIKE ORGANIZED TAX RECORDS



Uploading W-2s and receipts immediately



Auto-linking income and expenses



Changes tracked automatically



Audit passes easily

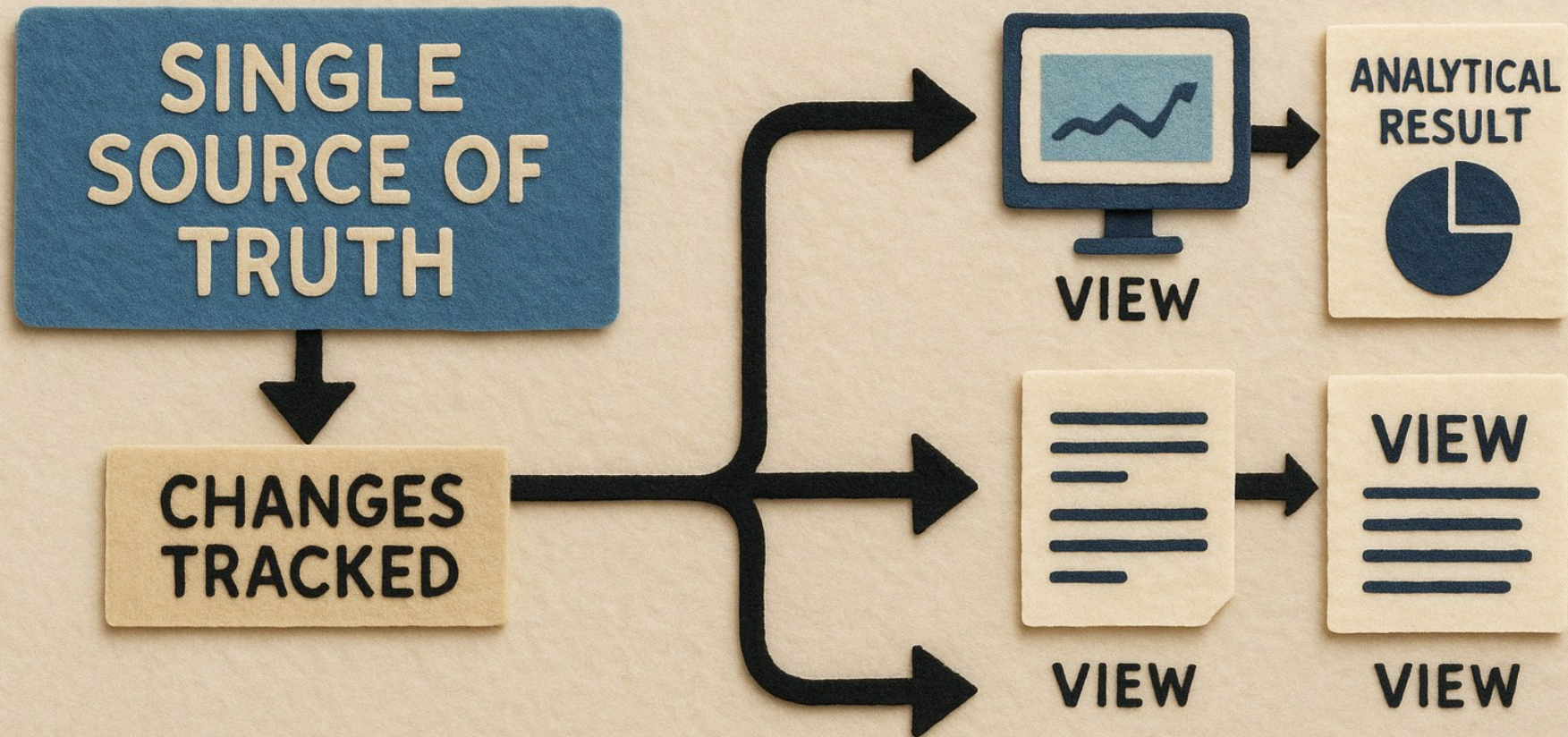
## The Organized

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- Single source of truth
  - Automatic traceability
  - Confidence even under audit
-

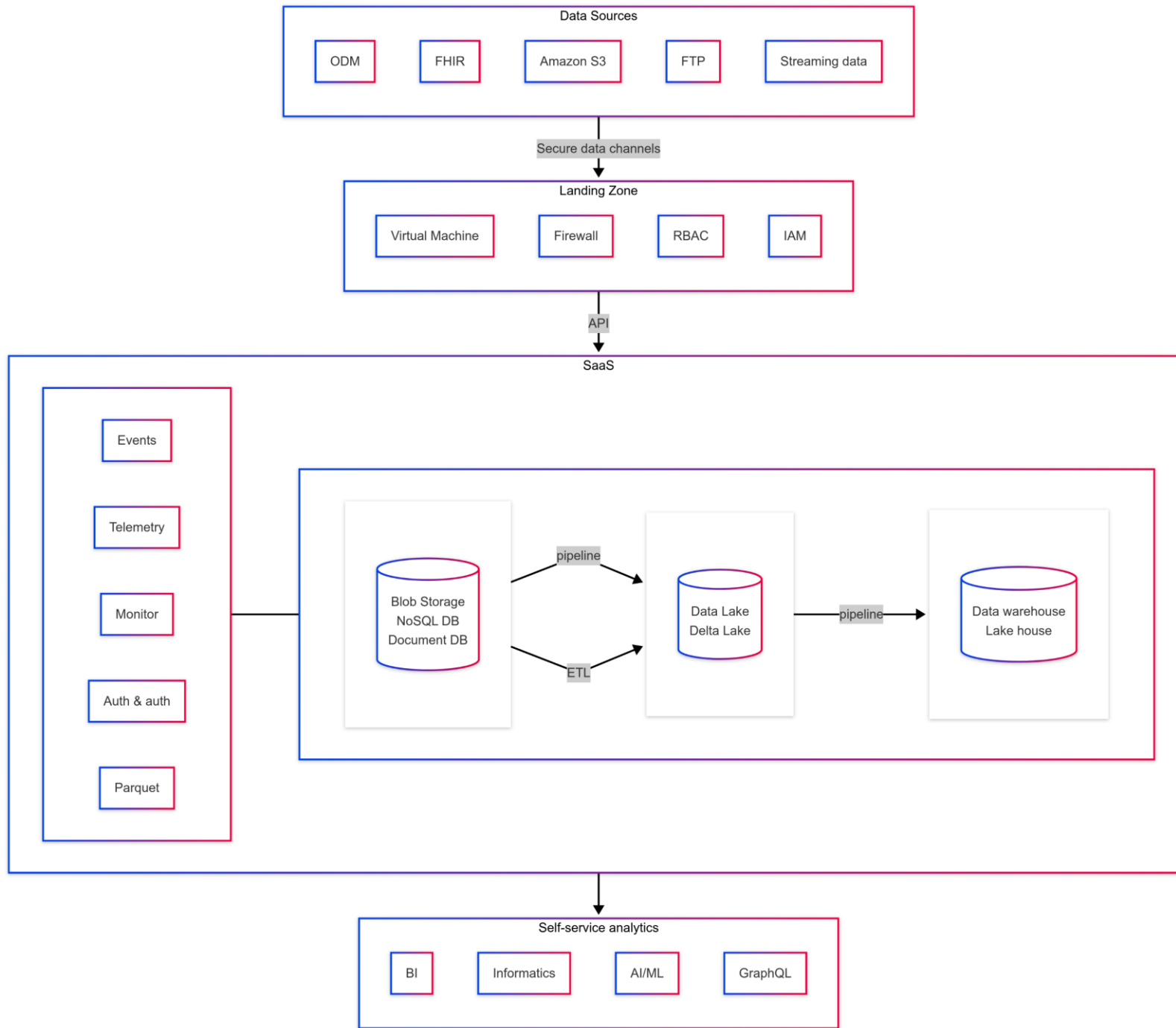


# NEW MINDSET: VIEW FROM SOURCE WITH TRACEABILITY





# Reference Medallion Data Architecture





# Medallion Data Architecture for Clinical

