

Single Day Event

Accelerating Clinical Trial Submissions with
Graph Theory and Log Analysis

Tomás Sabat Stöfse,
Co-Founder & CEO, Verisian



The Verisian Team – *we're hiring!*



Tomás Sabat Stöfssel
Co-Founder, CEO
Cambridge Uni
Ex-Founding Team, TypeDB



Henning Kuich, PhD
Co-Founder, CTO
Berlin & Virginia Uni
Ex-Bayer



Aaron Hutton
Software Engineer
Oxford Uni
Founder Robotic Systems



Max Vorobev
DevOps Engineer
National Uni of
Science & Tech



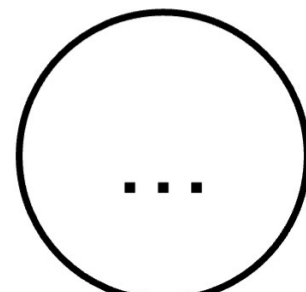
Andrei Bostan
Software Engineer
Cambridge Uni
Ex-Amazon



Vishwanath Pawar
Software Engineer
IIT Graduate
Codeforces Expert



Sunil Gupta
Strategic Advisor
30+ yrs Clinical Programming
Founder SASsavvy.com





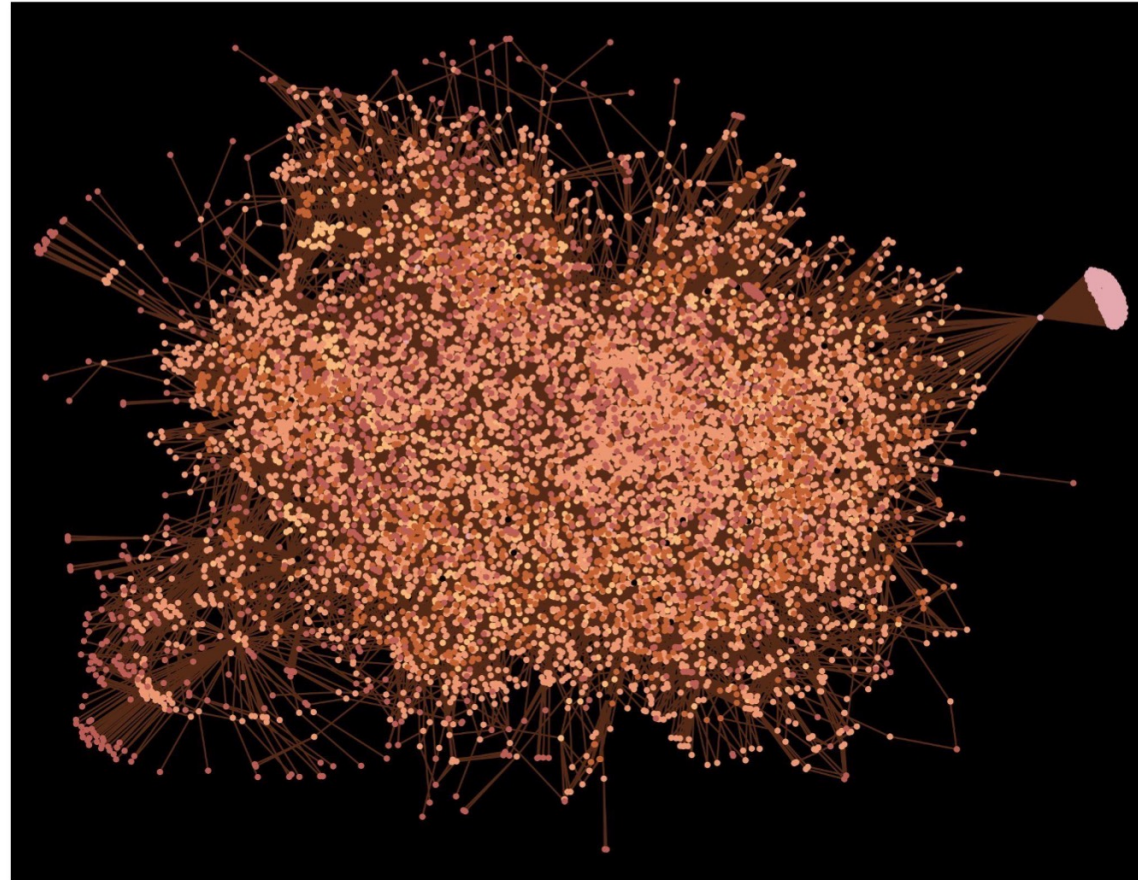
We've conducted over 120+ interviews



"It takes an army to apply for a new drug"

GSK Director

Clinical study code bases are *complex*



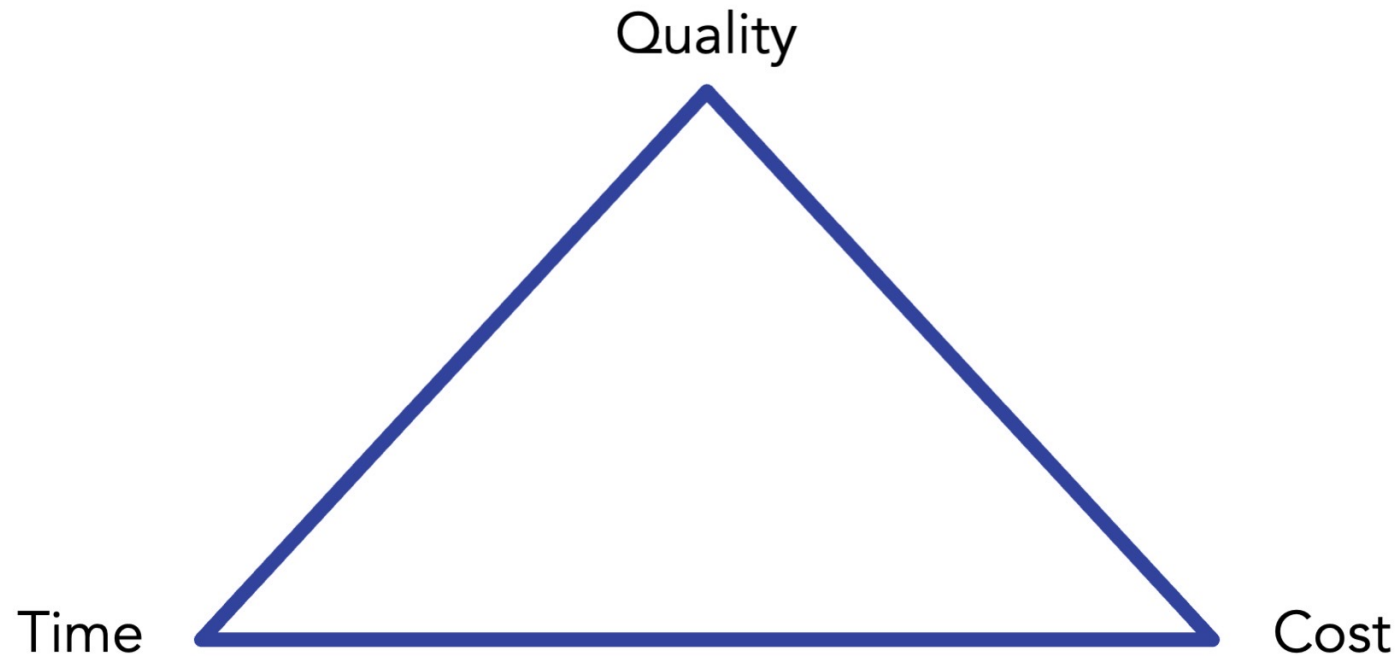
Answering FDA inquiries takes too long



What we do



We create first drafts of analysis pipelines and submission documents while tracking submission integrity in real-time.



We accelerate submission timelines, enhance submission quality, and provide an overall reduction of costs.

verisian Clinical Platform

Verisian Clinical Platform

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Verisian Clinical Platform

Validation Engine

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Verisian Clinical Platform

Validation Engine

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Analysis Validity

Metadata Validity

Data Integrity

Today, how do we ensure submission readiness?

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Pinnacle21.

Today, how do we ensure submission readiness?
Pinnacle21.
But that's only metadata.

What about analysis integrity?

Verisian Clinical Platform

Validation Engine

...

...

Analysis Validity

Metadata Validity

Data Integrity

Analysis validity

Log checking

- Errors
- Warnings
- Notes
- Issues

Code Quality

- Robustness
- Transparency
- Maintainability
- Simplicity

We show exactly what needs fixing, where it
needs fixing, and how to fix it



Not just another logchecker...



%LOGCHECK: a Convenient Tool for Checking Multiple Log Files

Suzanne Humphreys, Cardiome Pharma Corp., Vancouver, BC (Canada)

You've Got E-Mail: Automatic Log Checking Via E-mail Notification

Aaron Augustine, Deloitte & Touche LLP
Prasenjit Dutta, Deloitte & Touche Audit Services India Private Limited

A Simple Way to Improve the Efficiency of Log Checking in SAS Enterprise Guide

Danny Hsu, Seagen, Bothell, WA, USA

Paper 042-2012

Log Checks Made Easy

Yogesh Pande, Accenture, Rahway, New Jersey

SESUG 2020 Paper 155

Log the SAS Log Analyzer for Audit

Amarnath Vijayarangan, Emmes Service Pvt Ltd

The SAS® Log: A Wealth of Data and Job Flow Information
Steven First, Systems Seminar Consultants, Madison, WI USA

Automated Log Analyzer Dashboard

Palanisamy Mohan, Cognizant Technology Solutions, India

Amarnath Vijayarangan, Genpact, India

PharmaSUG 2018 – Paper AD-07

Pinching Off Your SAS® Log: Adapting from Loquacious to Laconic Logs To Facilitate Near-Real Time Log Parsing, Performance Analysis, and Dynamic, Data-Driven Design and Optimization

Troy Martin Hughes

Paper 1173-2017

Check Please: An Automated Approach to Log Checking

Richann Watson, Experis

PharmaSUG 2023 - Paper SD-221

SAS® System Macros to Summarize the COMPARE Procedure Results and SAS Logs for a Directory or Single File

Kevin R. Viel, Ph.D., Navitas Data Sciences; Histonis, Incorporated

LOG CHECKING: What to check and why?

Sridhar R Dodlapati, i3 Statprobe, Basking Ridge, NJ
Kiran Kumar Karidi, Novartis, Florham Park, NJ
Mahipal R Vanam, EMD Serono, Rockland, MA

Program Validation: Logging the Log

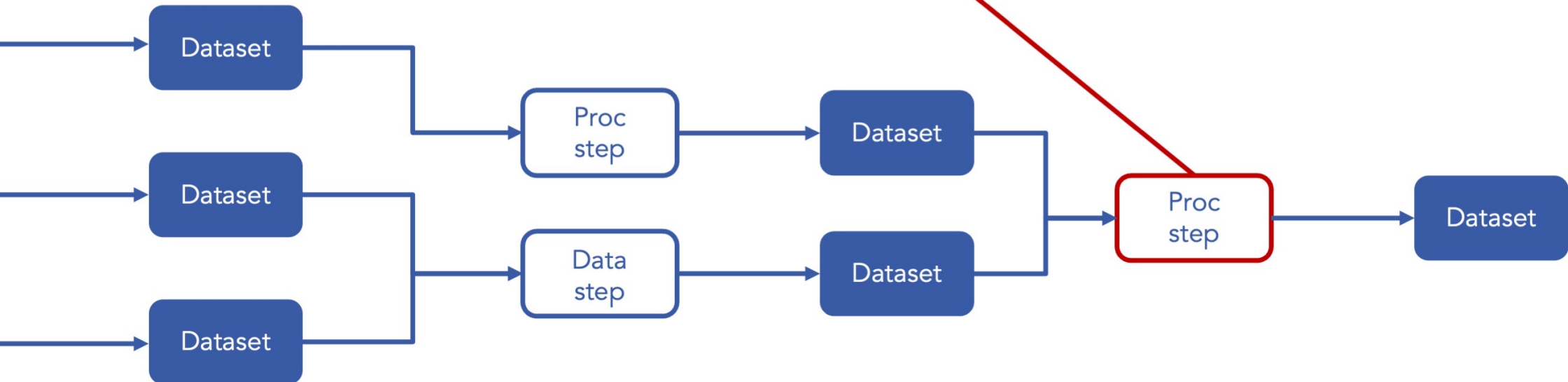
Adel Fahmy, Symbiance Inc., Princeton, NJ

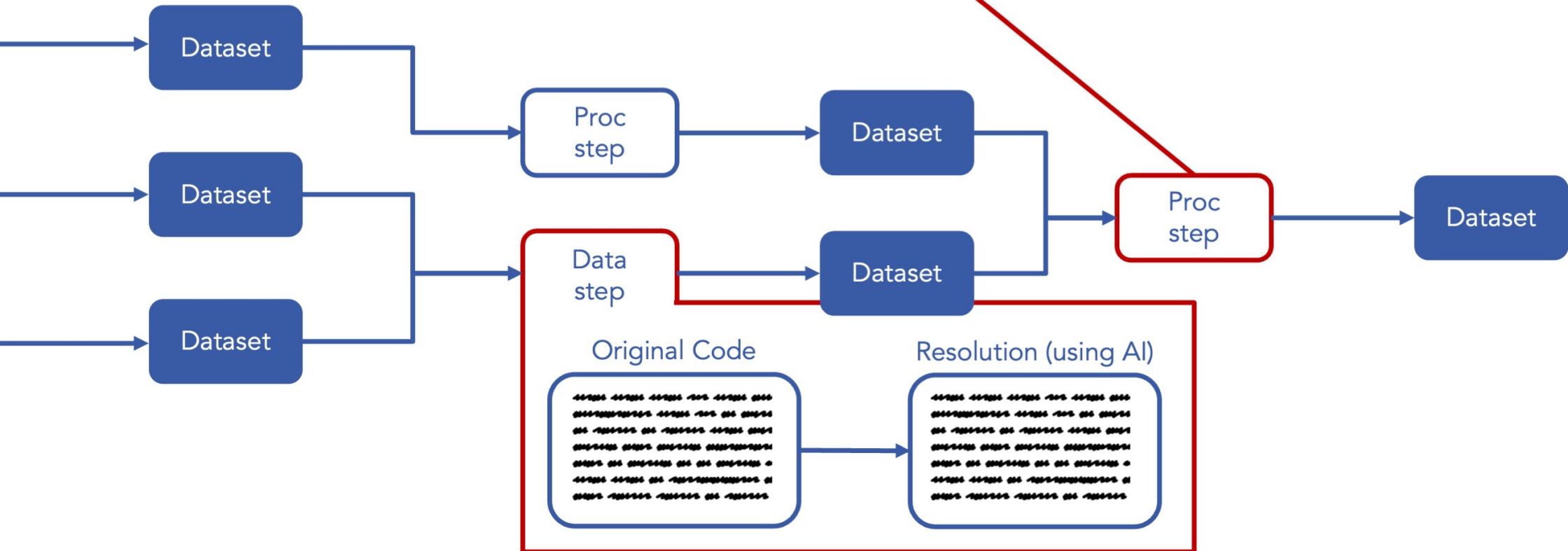
The Automatic Detection of Problems in the SAS Log

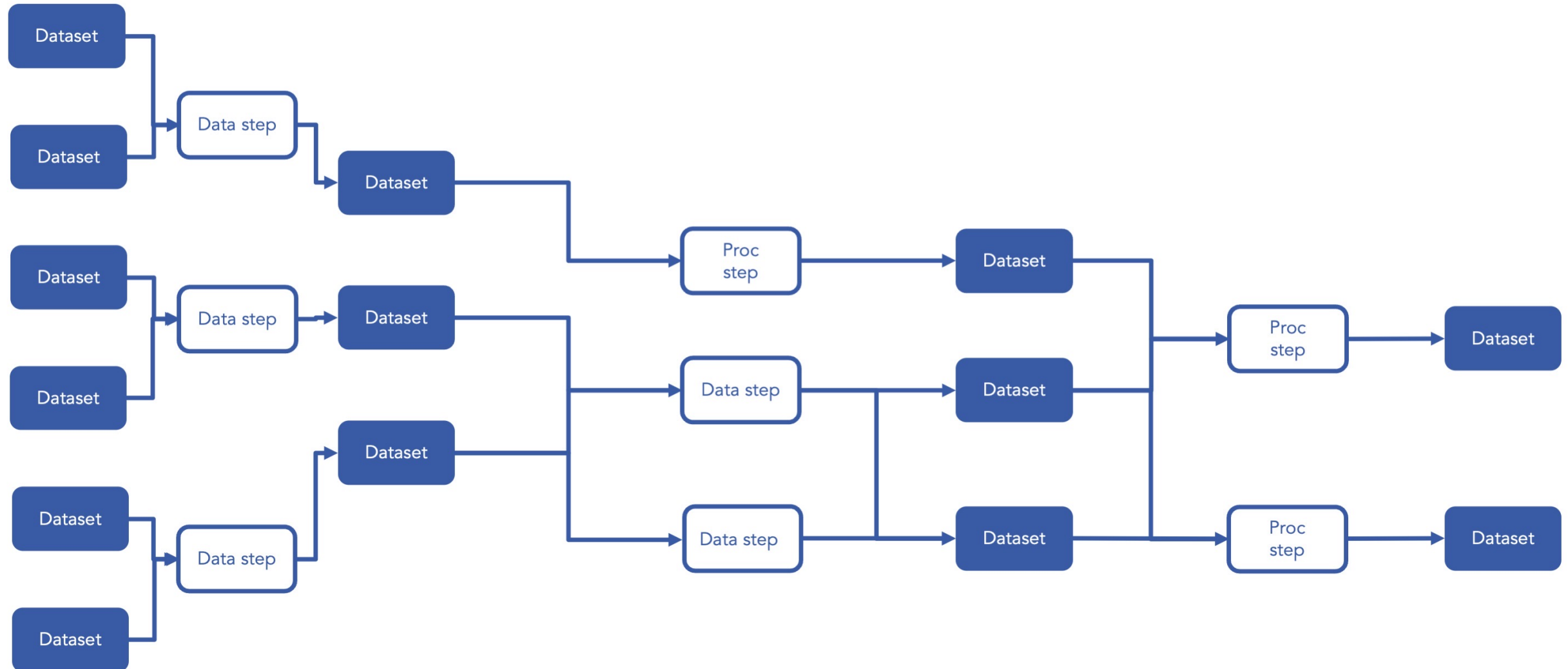
MaryAnne D. Hope, Health Services Advisory Group, Phoenix, Arizona

Traceability: Uninitialized variable

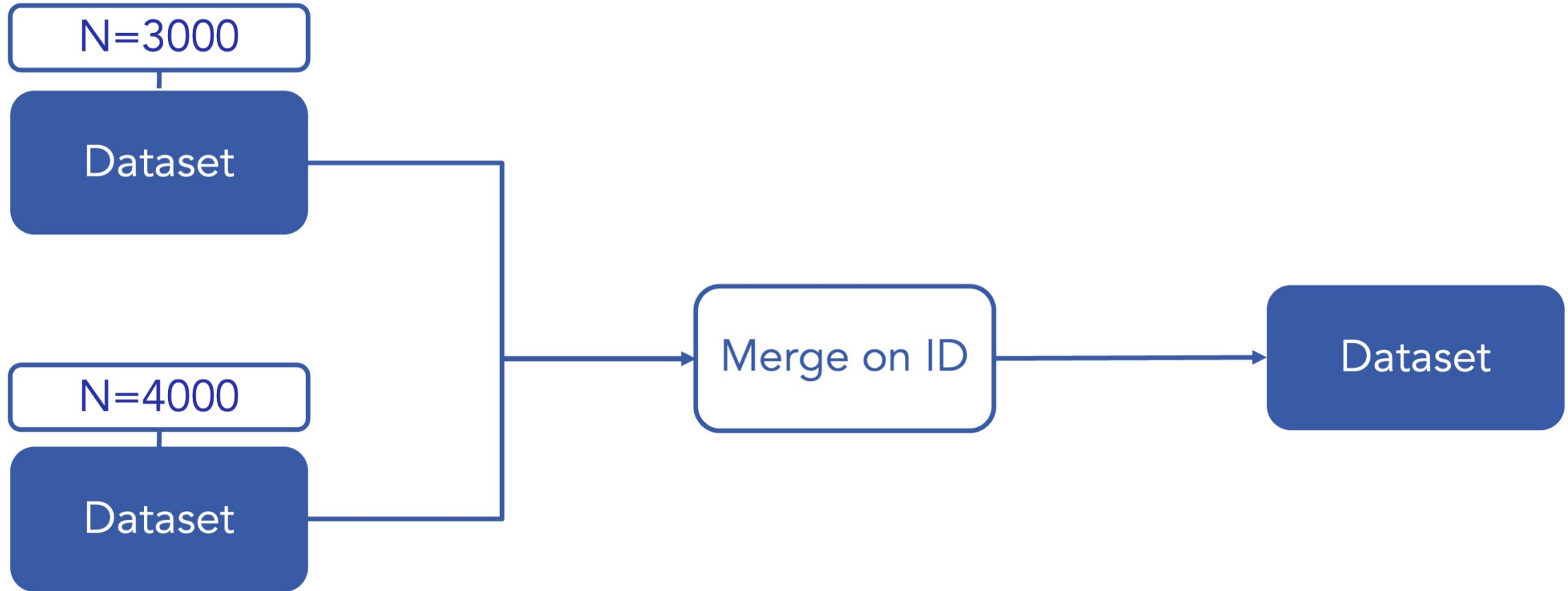
WARNING: The variable <variable-name> in the DROP, KEEP, or RENAME list has never been referenced.

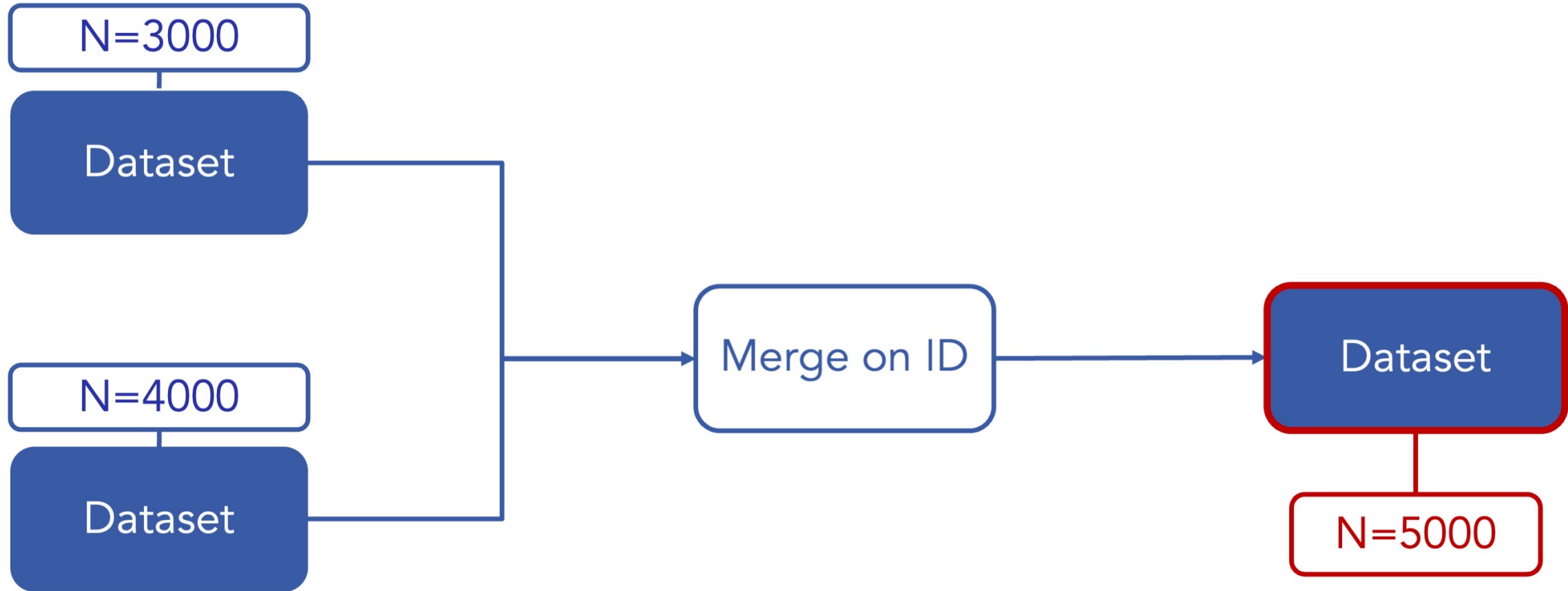


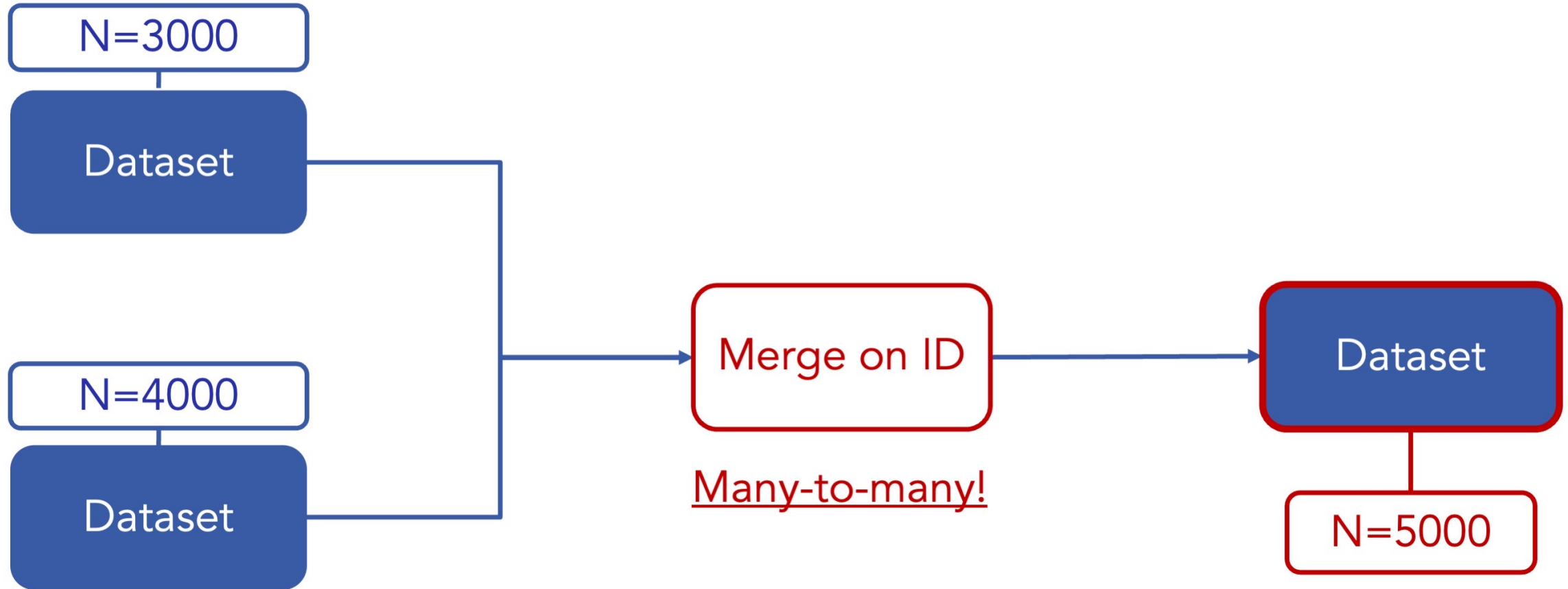


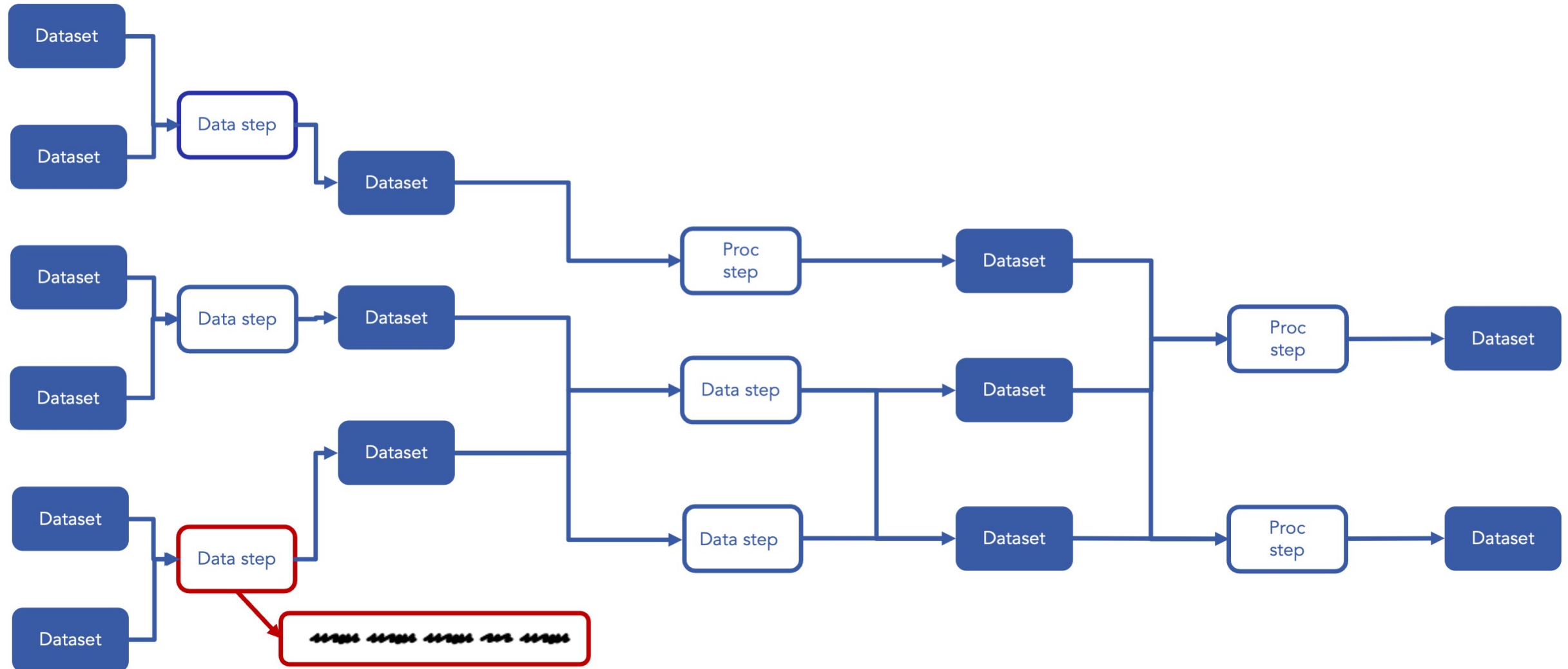


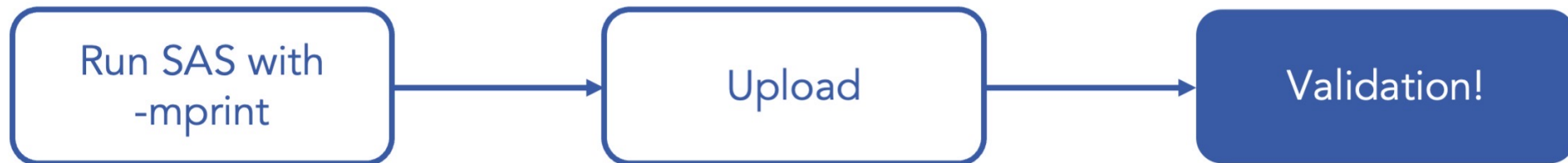
Traceability: Observation counts













**The Global Healthcare
Data Science Community**

Contact Channels

📞 UK +44 1843 609600
✉ office@phuse.global
📍 phuse.global

Social Media

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📘 [/phusebook](https://facebook.com/phusebook)
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