

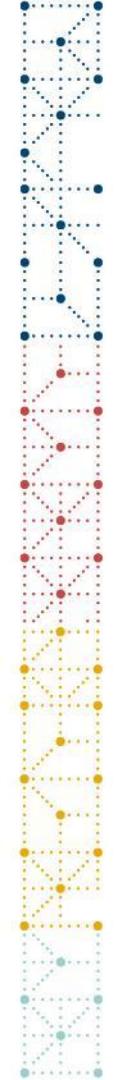


SDTM/ADaM-based LiveTFL

Jie Liu, Associate Director

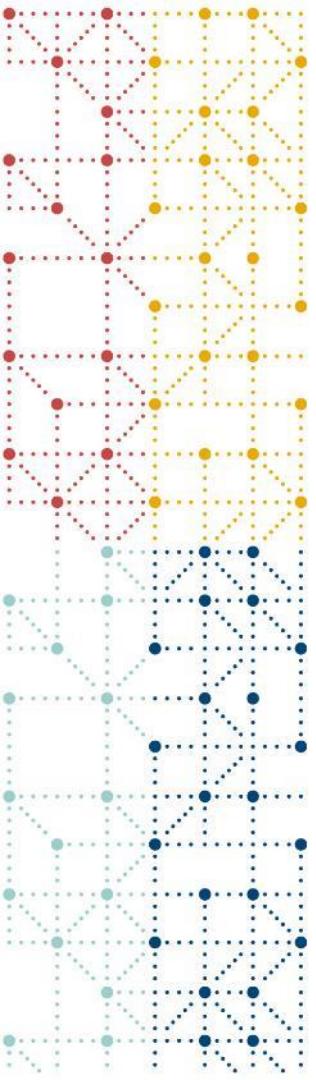
29Aug2025





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.*
- *{Please disclose any financial relationship or conflict of interest relevant to this presentation here OR}*
- *The author(s) have no real or apparent conflicts of interest to report.*



Agenda

1. Introduction
2. Data Flow and Design
3. Summary



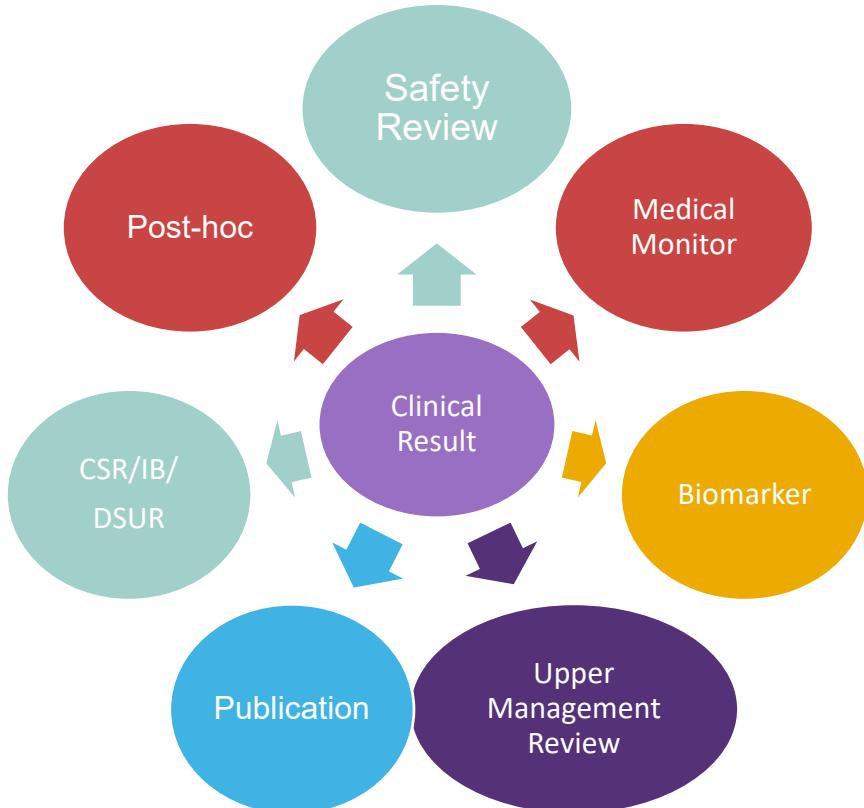
Introduction

The background of LiveTFL

Clinical Result Review Request

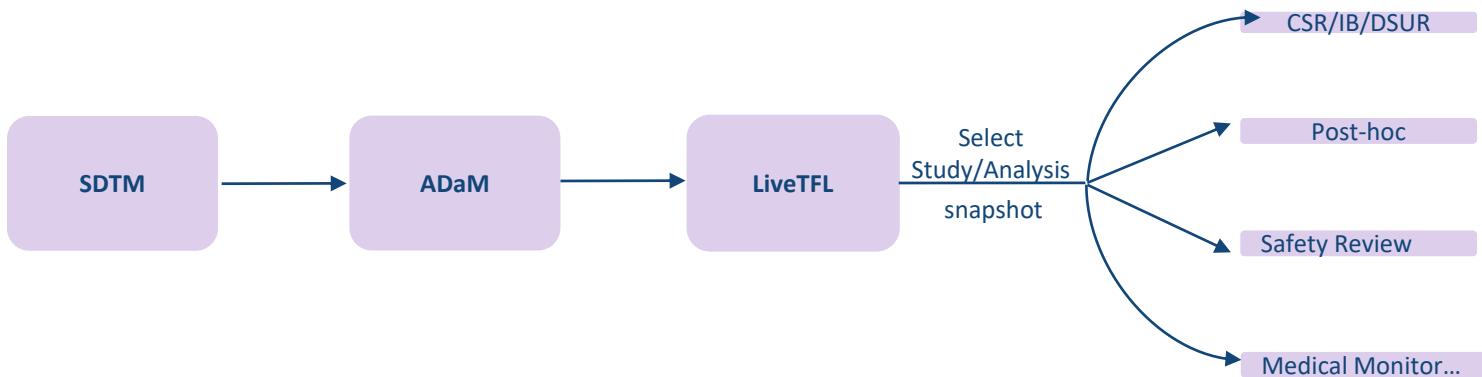
Different functions get Clinical Results from different Source:

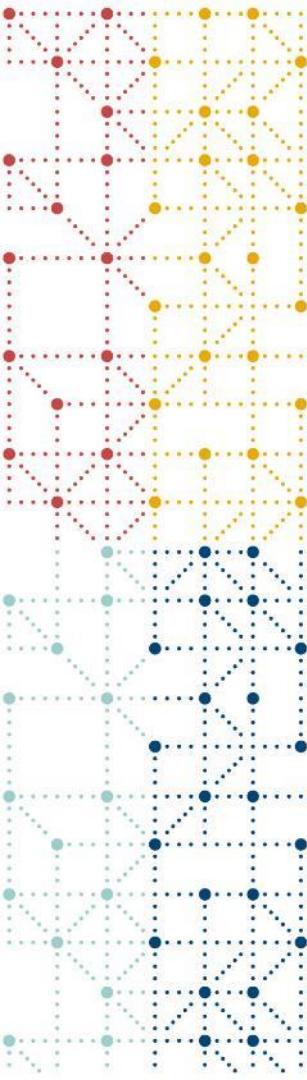
- The similar analysis can be done by different functions
- The Result can be inconsistent
- Frequent



A Comprehensive Clinical Result Review Platform

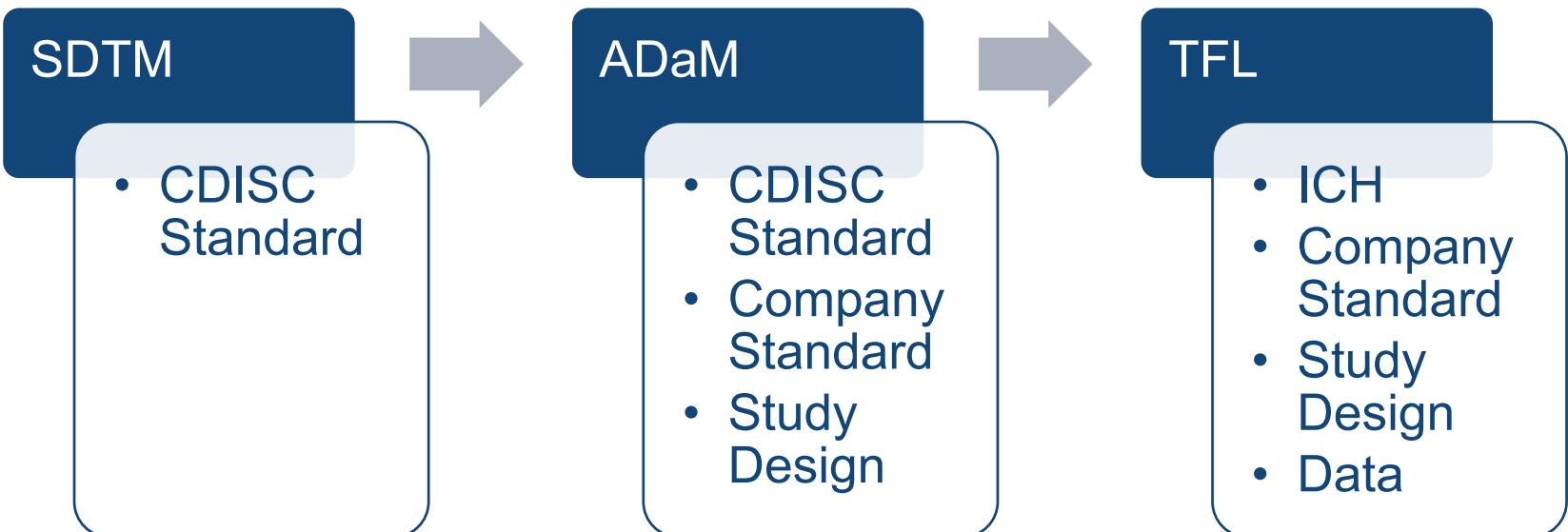
LiveTFL is a centralized data analysis and visualization platform which can provide real-time and interactive TFLs.





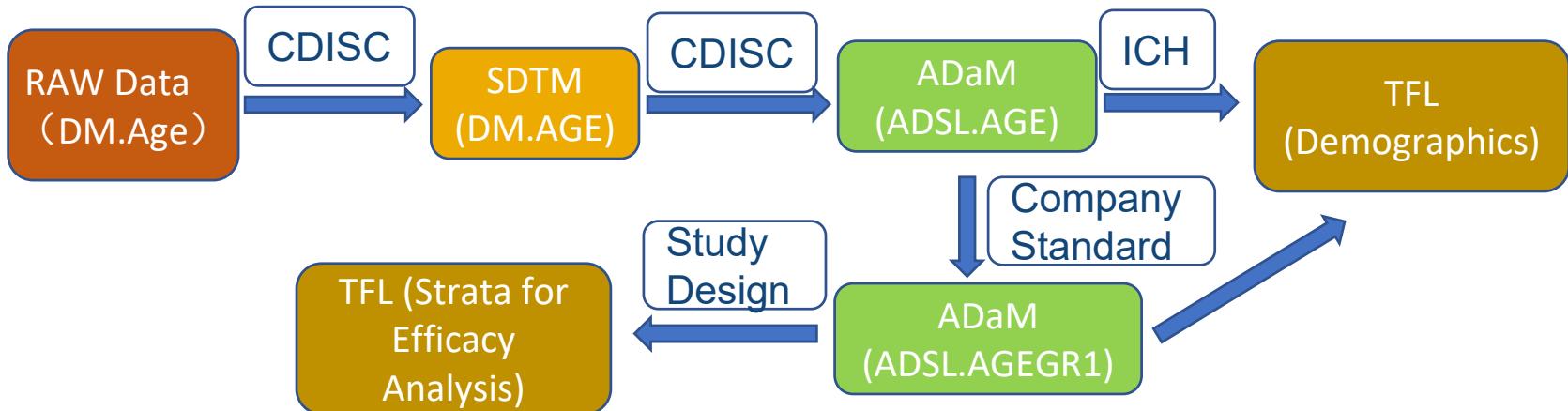
Data Flow and Design

Data Flow of Clinical Result



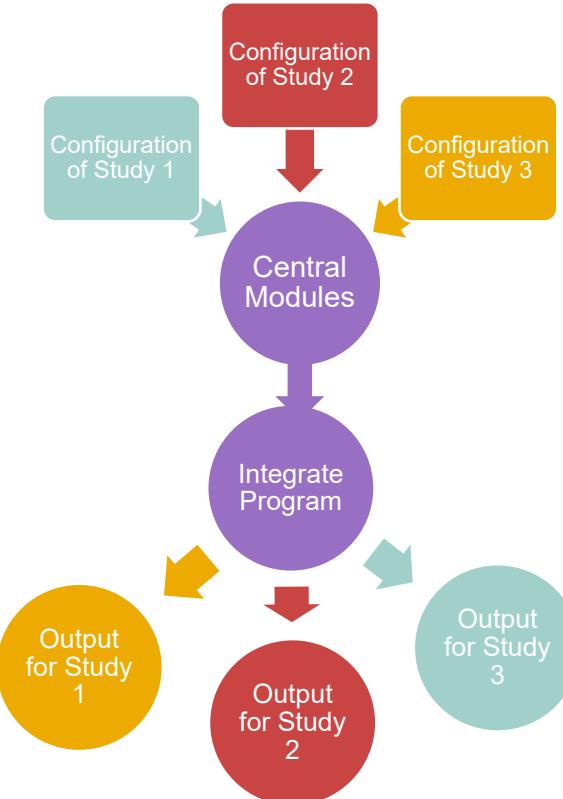
Example

- The Analysis of AGE include:
 - Standard Process following CDISC and ICH
 - Company or Compound Standard Process
 - Study Specified Analysis



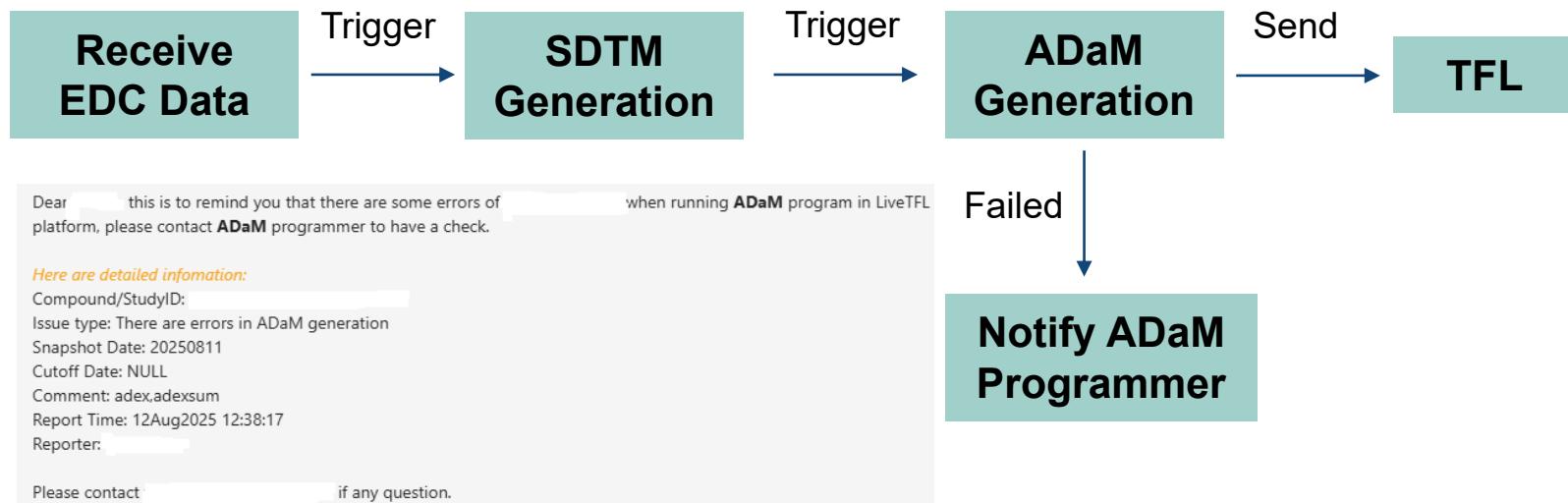
Centralize Work Mode

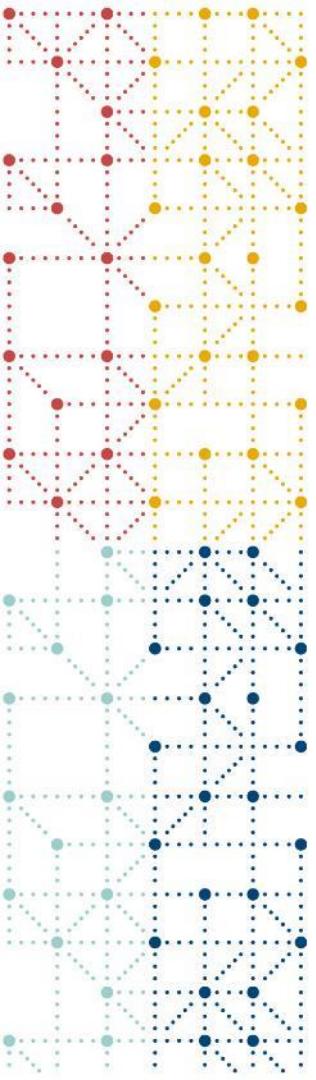
- Central Module
 - Based on CDISC or Company Standard
 - For each ADaM/Var/TFL
- Parametric Design
 - Based on Company Standard or Study Design
 - Global Level and Study Level
 - Pre-define and User Specified
- Dynamic Programming
 - Data Driven



Real-Time and Auto-Alert

- EDC Data Refresh will trigger the whole data flow automatically
 - Error from any step will be sent to programmer

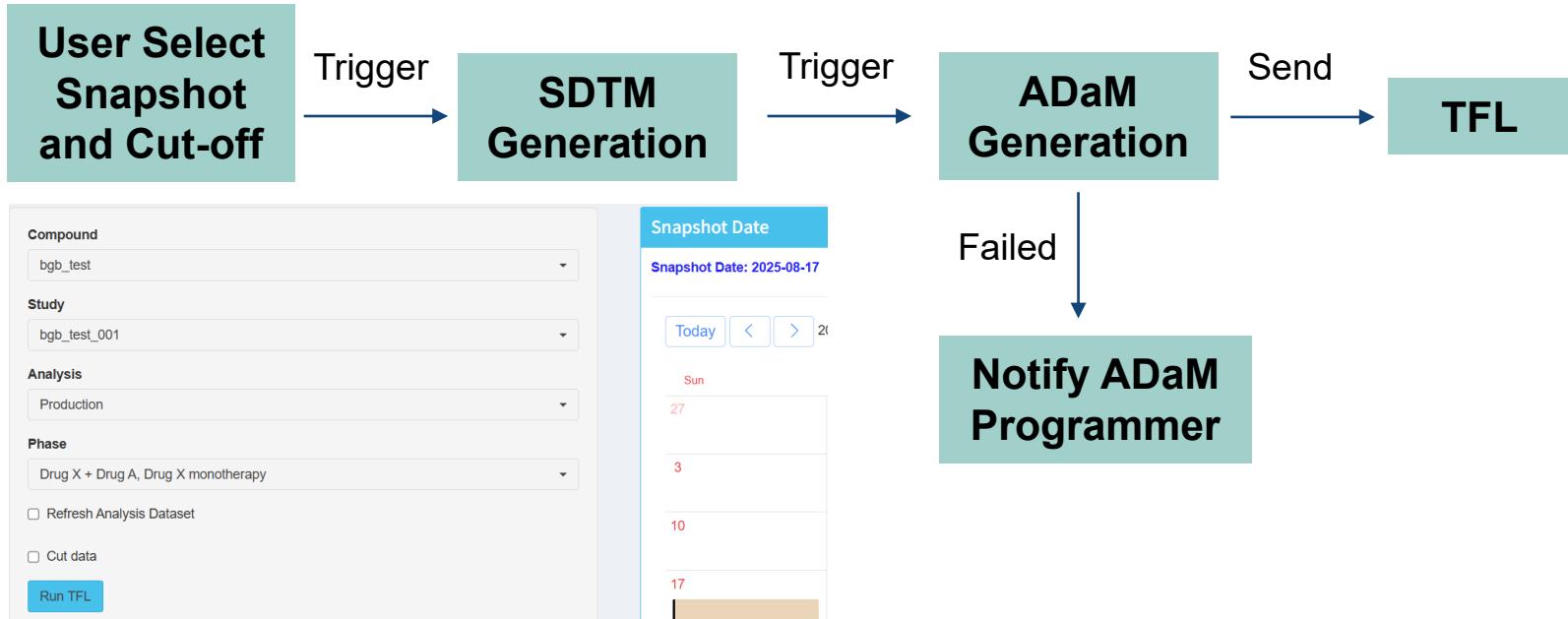


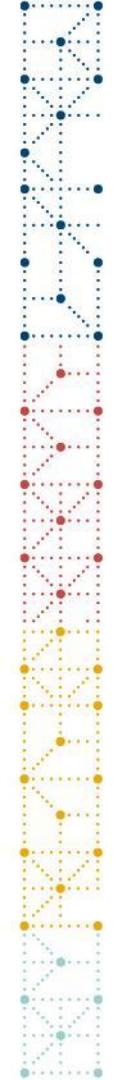


Summary

Real-Time and Auto-Alert

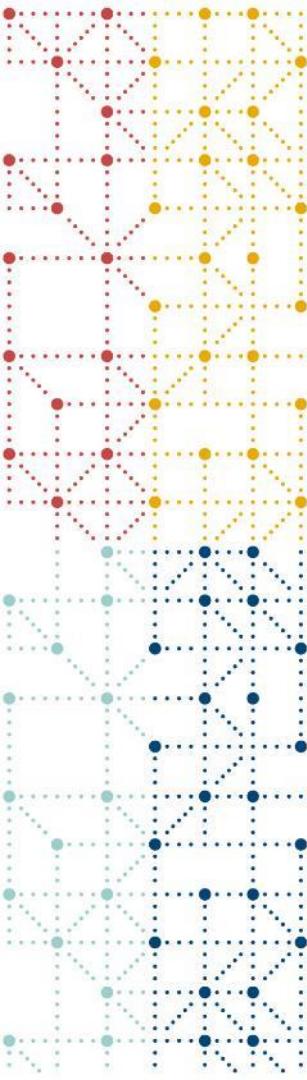
- User trigger the whole data flow with specified snapshot and cut-off date
 - Error from any step will be sent to programmer





Summary

- Standardization has become a consensus
- Standardization can enhance the feasibility of implementing modular development and centralized operations
- Standardization can help real-time data analysis being reality



Thank You!

