

Introducing TFL Designer: Community Solution to Automate Development of Mock-up Shells and Analysis Results Metadata

PharmaSUG 2023, Hands on Training, HT-355 May 16, 2023



Current State: Analysis Results Deliverables

Manual process in designing TFL shells/layout and ADaM specifications

Programmer writes the SAS code to generate analysis deliverables (sometime with macros or re-using the code)

Too much variability across studies, disease areas, and organization

Static results with No or limited linking facility (e.g., to Protocol, SAP, ADaM data)

There is no industry standards for analysis results



CDISC Analysis Result Standards – Coming Soon!

cdisc

<u>All You Need to Know about the New</u> <u>CDISC Analysis Result Standards!</u>



PharmaSUG 2023: Paper # MM327

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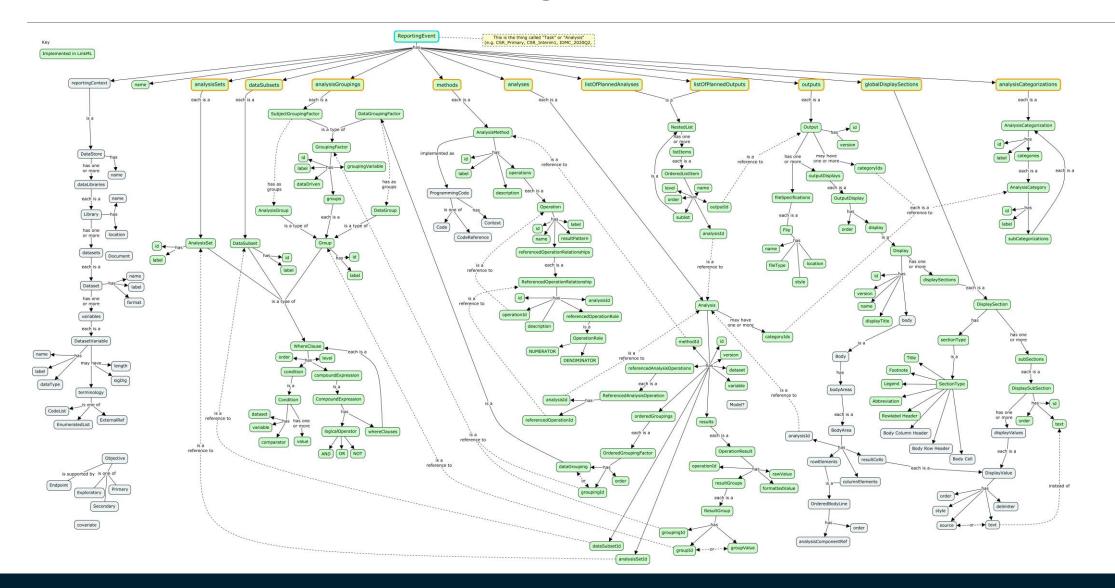
Analysis Results Standard Public Repo on GitHub

• https://github.com/cdisc-org/analysis-results-standard

Search or jump to	7 Pull requests Issues Codespace	zes Marketplace Explore		<u></u>			
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Model: representations of the model (YAML, JSON, Mermaid ER, YUML, SVG)	د من	Co to file	Add file - <> Code -	About	Project:		
	drewcdisc Merge pull request	#66 from cdisc-org/admin-docs-patch-1 d6fc187	31 minutes ago 🕚 42 commits	This repository will be where all the results for the Analysis Results Standard	Auto-generated		
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/orkfiles: CMAP,	i≡ README.md		P	Packages	To come:		
examples	Description		No packages published Publish your first package	Utilities, API Dev			
	The goals of CDISC Analysis	Results Standards team is to develop:					
	 Analysis Results Metada 	ta Technical Specification (ARM-TS), to support automation, tra	Contributors 3				
	data displays		🚊 bhavinbusa Bhavin Busa				



ARS Model Representation using CMAP (DRAFT)





Analysis Results and Associated Metadata Example

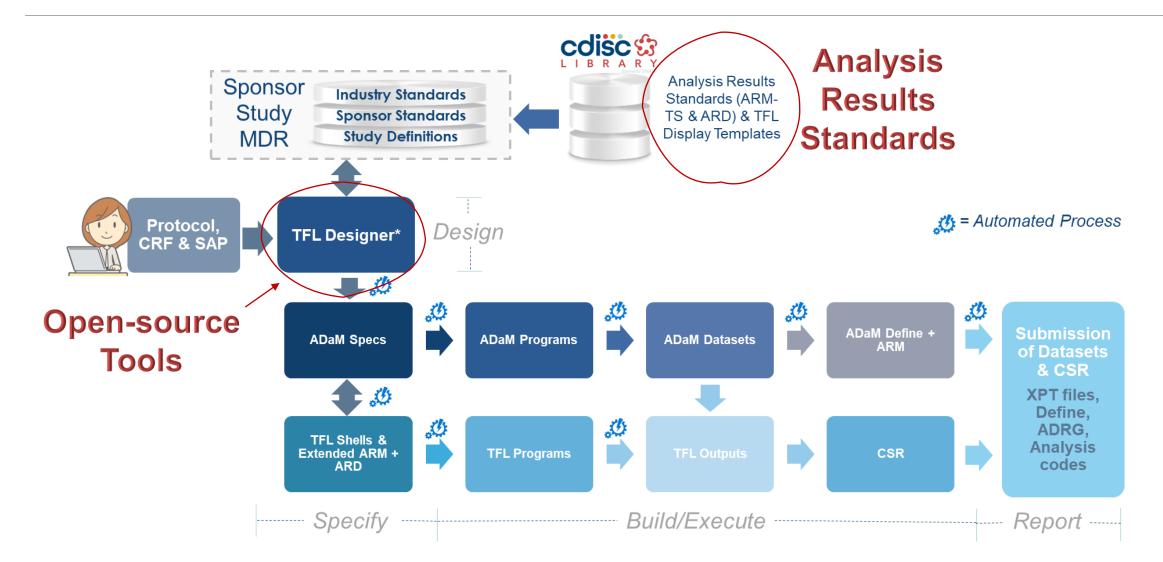
Identifiers		Analysis Group		Result Variable			Results Statistic			
Name	Title	Dataset	Variable	Value	Variable	Value	Label	Value	Name	Label
Table 2	Baseline Demographics and Clinical Characteristics, Safety Population	ADSL	TR01X	Drug Name Dosage X	SEX	М	Male	53	Count	n
Table 2	Baseline Demographics and Clinical Characteristics, Safety Population	ADSL	TR01X	Drug Name Dosage X	SEX	М	Male	61.6	Percent	%
Table 2	Baseline Demographics and Clinical Characteristics, Safety Population	ADSL	TR01X	Drug Name Dosage X	SEX	F	Female	33	Count	n
Table 2	Baseline Demographics and Clinical Characteristics, Safety Population	ADSL	TR01X	Drug Name Dosage X	SEX	F	Female	38.4	Percent	%

Analysis Results Metadata

Analysis Results Data

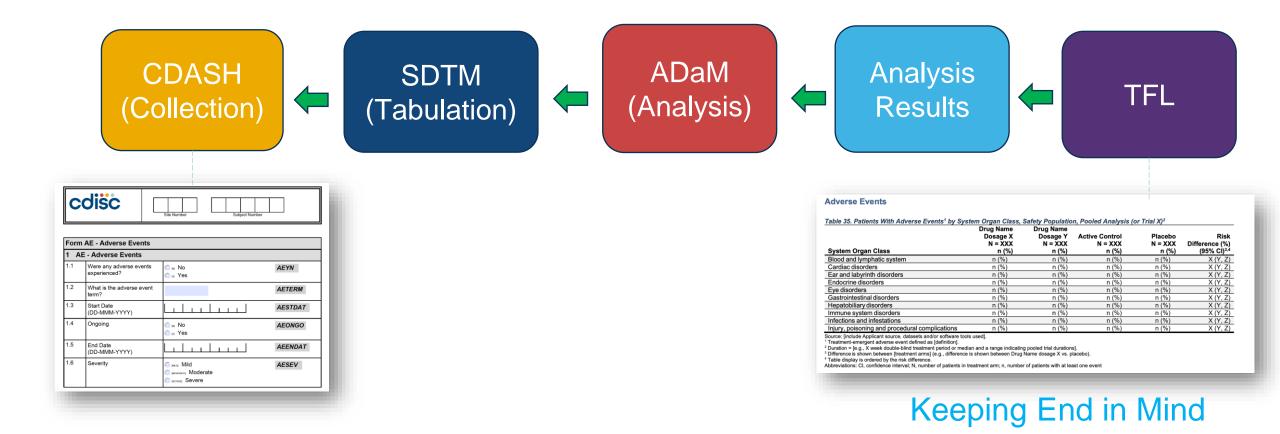


Future State: Analysis Results Deliverables

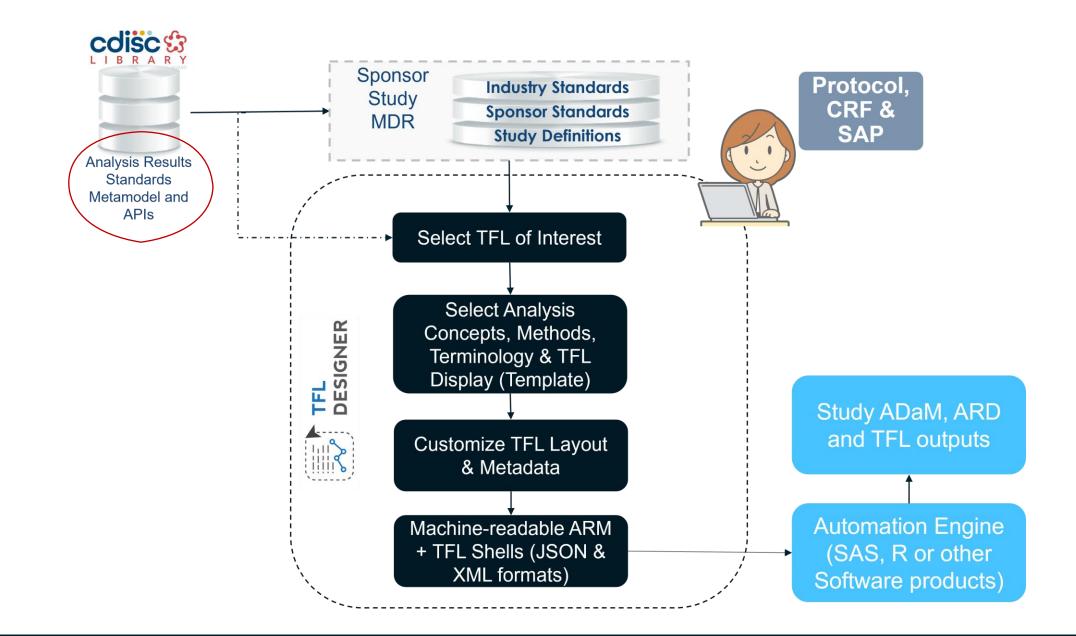




Streamlining Analysis Data Flow











TFL Designer – Key Highlights

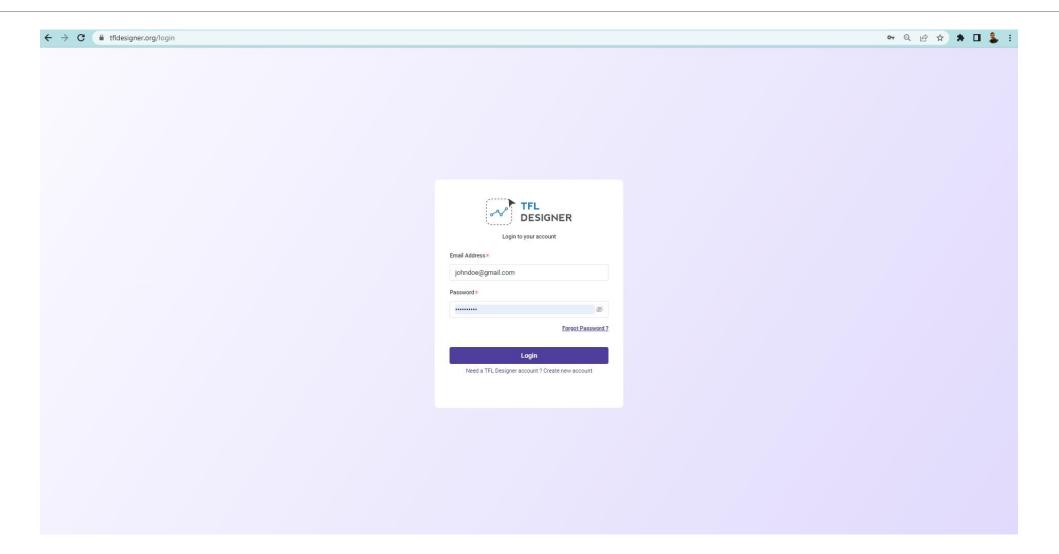
- Digitizing your analysis results (TFL)
- Aligned with CDISC Analysis Results Standards (ARM-TS and ARD)
- Central repository for your TFL standards, display templates, conventions and metadata
- Automate generation of TFL shells and provides machine-readable metadata
- Open-source (CDISC COSA approved) & Enterprise versions



Hands-on Training



TFL Designer (Community version – Sandbox environment)







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