CDISC 2020 Europe Interchange

Virtual Conference
1-2 April 2020
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CDISC 360 Metadata-Driven Data Transformation Engine for Automation and Transparency

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1-2 April 2020
Agenda

- Evolution of Standards
- Technology Overview of Metadata and Software Components
- How it works
- Data Transformation Engine
- Benefits
- Conclusion
Data Transformation Engine

DTE Processor with Map Metadata

Knows how to do all data transformation
Need not to be told to do a merge or re-type
Gather information of the variables
Does Derivation
Mapping conveys source variables for a target variable
Merging decision on its own
Include short code snippet
Include short description
Can be ingested into define file
Makes decisions from simple map information
Renames in set statement
Selects appropriate function
Apply format/informat

Source Dataset 1
Source Dataset 2
Source Dataset 3

Target Dataset 1

Keep, Drop, Add
Change Values
Rename, Copy
Re- Key, Merge
Suppqual Make
Re-attribute
Derive
Data verification
Benefits

- Consistency
- Transparency
- Completeness
- Efficiency
- Automation
- Speed
- Validation
Interested??

- One will be able to visit the CDISC website and make a request for
  - DTE Metadata
  - For any CDISC standards
  - For any Versions

- My paper will be published, in addition to this PowerPoint presentation, which gives more detail

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