## Title: A Contribution to Better Systems – The Test Data Factory (TDF) Project

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The “Standard Analyses and Code Sharing” Working Group has started the new Test Data Factory project. With this project the working group acknowledges that testing with appropriate test data is an essential part of any solution development. Several PhUSE projects describe medical research methods, features, or processes, and some even create scripts that handle SDTM or ADaM datasets and require a variety of test data. The typical fallback position is to use the outdated CDISC pilot project and/or anonymized study data provided by team members. The TDF project strives to support the testing effort by providing test datasets for a more systematic approach.

The project team has started with updating the CDISC Pilot datasets to reflect to newer versions of CDISC standards. This poster will provide an update on TDF and encourage all participants to contribute to this effort. In addition, the poster will outline a vision for provisioning test datasets based on simulation and creation of clinical study data from user input according to specific system requirements.