## Contents

**Chapter 1 / Introduction**
- Welcome to SAS Data Preparation (Video) ........................................ 1
- 60 Second Scoop: SAS Data Preparation (Video) ............................. 1

**Chapter 2 / Loading Data**
- Using SAS Data Explorer to Load SAS Data Sets (Video) ................... 3
- Using SAS Data Explorer to Import Local Files (Video) ...................... 3
- Using SAS Data Explorer to Load Relational Database Tables (Video) ... 3

**Chapter 3 / Profiling Data**
- Using the SAS Data Preparation Profiling Feature to Perform Data Discovery (Video) .................. 5
- Using SAS Data Explorer to Profile Data for Better Understanding (Video) ........................................ 5

**Chapter 4 / Displaying Lineage**
- Using SAS Lineage Viewer to Manage and Govern Data Assets and Their Relationships (Video) ........................................ 7
- Sample Lineage Network Diagrams ............................................. 7
- Work with Equivalent and Clustered Objects .................................. 7

**Chapter 5 / Preparing Data**
- Build and Review a Simple SAS Data Studio Plan ................................ 9
- Using SAS Data Studio to Prepare and Transform Data into a Desired Format (Video) .................. 9
- Using SAS Data Quality to Cleanse Data into a Consistent and Reliable Format (Video) ................ 9
Introduction

Welcome to SAS Data Preparation (Video)

A high-level overview of the capabilities and functionality of SAS Data Preparation.
https://players.brightcove.net/1872491364001/default_default/index.html?videoid=5772783582001

60 Second Scoop: SAS Data Preparation (Video)

In just 60 seconds get acquainted with how SAS Data Preparation can help you to quickly prepare your data for meaningful analytics.
https://players.brightcove.net/1872491364001/default_default/index.html?videoid=5799859965001
Loading Data

Using SAS Data Explorer to Load SAS Data Sets (Video) .................................................. 3
Using SAS Data Explorer to Import Local Files (Video) .................................................... 3
Using SAS Data Explorer to Load Relational Database Tables (Video) .......................... 3

Using SAS Data Explorer to Load SAS Data Sets (Video)
See how to leverage SAS Data Explorer to ingest SAS data sets. This video shows you how to create a data connection, review and analyze the data, and import the data with row and column filters.
https://players.brightcove.net/1872491364001/9829d1d0-bfdd-4b86-8efa-43bb454fc746_default/index.html?videoid=5785551015001

Using SAS Data Explorer to Import Local Files (Video)
See how to leverage SAS Data Explorer to import local files into a SAS Viya environment. This video shows you how to create a data connection to an Oracle database, review and analyze the data, and import the table.
https://players.brightcove.net/1872491364001/9829d1d0-bfdd-4b86-8efa-43bb454fc746_default/index.html?videoid=5785551426001

Using SAS Data Explorer to Load Relational Database Tables (Video)
See how to leverage SAS Data Explorer to load relational database tables. This video shows you how to quickly create a data connection to an Oracle database, review and analyze the data, and import the table.
https://players.brightcove.net/1872491364001/9829d1d0-bfdd-4b86-8efa-43bb454fc746_default/index.html?videoid=5785551016001
Profiling Data

Using the SAS Data Preparation Profiling Feature to Perform Data Discovery (Video) .................................. 5
Using SAS Data Explorer to Profile Data for Better Understanding (Video) ................................................. 5

Using the SAS Data Preparation Profiling Feature to Perform Data Discovery (Video)

See how to use the profiling feature of SAS Data Preparation to aid data discovery.
https://players.brightcove.net/1872491364001/default_default/index.html?videoId=5786593822001

Using SAS Data Explorer to Profile Data for Better Understanding (Video)

See how to leverage SAS Data Explorer to profile data for inconsistencies and anomalies. This video shows you how to generate and review table and column metrics, which can help you to better understand your data.
https://players.brightcove.net/1872491364001/9829d1d0-bfdd-4b86-8efa-43bb454fc746_default/index.html?videoid=5785551338001
Displaying Lineage

Using SAS Lineage Viewer to Manage and Govern Data Assets and Their Relationships (Video)

See how to leverage SAS Lineage Viewer to manage and govern data. This video shows you how to view and understand relationships between data objects and perform impact analysis.

https://players.brightcove.net/1872491364001/9829d1d0-bfdd-4b86-8efa-43bb454fc746_default/index.html?videonid=5785551427001

Sample Lineage Network Diagrams

This topic contains a series of lineage network diagrams. These network diagrams illustrate some of the ways in which objects from Viya applications and the relationships between them are depicted in the SAS Lineage Viewer application. Each network diagram is followed by a table that contains detailed information about the objects in the network diagram. Other types of network diagrams can be generated, but the network diagrams here display a variety of the objects and relationships that you can explore in SAS Lineage Viewer.

View the slideshow in SAS Help Center.

Work with Equivalent and Clustered Objects

Equivalent and clustered objects are marked with contrasting circular badges in the lower right corner of their icons. Equivalent objects are displayed as merged or separated, and clustered objects can be seen in a clustered or an unclustered state. In the merged or clustered state, a single object represents all of the equivalent or clustered object in a network diagram. In the separate or unclustered state, all of the objects are displayed in the diagram.

View the slideshow in SAS Help Center.
Preparing Data

**Build and Review a Simple SAS Data Studio Plan**

You can build a simple plan in SAS Data Studio that opens a source file, adds a transform to a plan, and runs the plan. Then you can review the results.

View the slideshow in SAS Help Center.

**Using SAS Data Studio to Prepare and Transform Data into a Desired Format (Video)**

See how to leverage SAS Data Studio to transform data into a desired format. This video shows you how to create a data preparation plan file for wrangling data that can be saved for subsequent use.

https://players.brightcove.net/1872491364001/9829d1d0-bfdd-4b86-8efa-43bb454fc746_default/index.html?videoid=5785551710001

**Using SAS Data Quality to Cleanse Data into a Consistent and Reliable Format (Video)**

See how to leverage SAS Data Studio and SAS Data Quality to cleanse data. The data quality transforms use the definitions and logic in the SAS Quality Knowledge Base (QKB) to enable you to cleanse data and save it in a consistent format.

https://players.brightcove.net/1872491364001/9829d1d0-bfdd-4b86-8efa-43bb454fc746_default/index.html?videoid=5785547737001