**Talend Data Preparation**

**Data Import and Preprocessing:**

1. Add dataset

A close-up of a screen

Description automatically generated

1. Add preparation with uploaded dataset

A close-up of a message

Description automatically generated

1. Data quality checks

A screenshot of a computer

Description automatically generated

All columns show valid records except Returns and duplicate columns which are Customers Age and Age. The white colour indicates empty records. The missing value will be handled by using SAS Enterprise Miner.

1. Remove duplicate column - Age

A white background with black text

Description automatically generated

1. Change the data type for Customer ID (fr\_postal\_code to integar)

A screenshot of a computer

Description automatically generated

1. Change date format due to different patterns

A screenshot of a graph

Description automatically generated

A white background with black text

Description automatically generated

1. Export the dataset

A white rectangular object with black lines

Description automatically generated