

Data Transformation Rules Specification

Overview

This document specifies the rules and logic required to transform source data into the required target format.

Source Data Example

Record ID	Name	Date of Birth	Status
001	Jane Doe	12-04-1990	active
002	John Smith	23-09-1985	inactive

Target Data Structure

ID	FullName	BirthDate	IsActive
001	Jane Doe	1990-04-12	1
002	John Smith	1985-09-23	0

Transformation Rules

Source Field	Target Field	Rule
Record ID	ID	Direct mapping
Name	FullName	Direct mapping
Date of Birth	BirthDate	Convert to YYYY-MM-DD format
Status	IsActive	Map 'active' to 1, 'inactive' to 0

Notes

- Date fields must use ISO (YYYY-MM-DD) format.
- 'Status' is a string in the source and a boolean (as integer) in the target.