

Target					Source (stage)					Transformation
Table Name	Column Name	Data Type	Constraint	SCD Type	Table Name	Column Name	Data Type	Constraint	Note (source file)	
behaviour_entry	student_id	INTEGER	PRIMARY FOREIGN KEY	SCD1	behaviour_entry	student_id	INTEGER	PRIMARY KEY	\\Data\\Processes\\Session [1..6]\\[1..115]	SbehaviourEntry
	session_id	INTEGER	PRIMARY FOREIGN KEY	SCD1	behaviour_entry	session_id	INTEGER	PRIMARY KEY	\\Data\\Processes\\Session [1..6]\\[1..115]	
	activity	VARCHAR2(256)	NOT NULL	SCD1	behaviour_entry	activity	VARCHAR2(256)	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	
	exercise_id	VARCHAR2(256)	PRIMARY FOREIGN KEY	SCD1	behaviour_entry	exercise	VARCHAR2(256)	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	
	start_time	DATE	PRIMARY KEY	SCD1	behaviour_entry	start_time	DATE	PRIMARY KEY	\\Data\\Processes\\Session [1..6]\\[1..115]	
	end_time	DATE	NOT NULL	SCD1	behaviour_entry	end_time	DATE	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	
	idle_time	INTEGER	NOT NULL	SCD1	behaviour_entry	idle_time	INTEGER	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	
	mouse_wheel	INTEGER	NOT NULL	SCD1	behaviour_entry	mouse_wheel	INTEGER	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	
	mouse_wheel_click	INTEGER	NOT NULL	SCD1	behaviour_entry	mouse_wheel_click	INTEGER	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	
	mouse_click_left	INTEGER	NOT NULL	SCD1	behaviour_entry	mouse_click_left	INTEGER	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	
	mouse_click_right	INTEGER	NOT NULL	SCD1	behaviour_entry	mouse_click_right	INTEGER	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	
	mouse_movement	INTEGER	NOT NULL	SCD1	behaviour_entry	mouse_movement	INTEGER	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	
	keystroke	INTEGER	NOT NULL	SCD1	behaviour_entry	keystroke	INTEGER	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	
activity_type	name	VARCHAR2(256)	PRIMARY KEY	SCD1	behaviour_entry	activity	VARCHAR2(256)	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	SactivityType
exercise	name	VARCHAR2(256)	PRIMARY KEY	SCD1	behaviour_entry	exercise	VARCHAR2(256)	NOT NULL	\\Data\\Processes\\Session [1..6]\\[1..115]	Sexercise
session	id	INTEGER	PRIMARY KEY	SCD1	attendance	session_id	INTEGER	PRIMARY KEY	\\Data\\logs.txt	Ssession
student	id	INTEGER	PRIMARY KEY	SCD2	student	id	INTEGER	PRIMARY KEY	\\Data\\Processes\\Session [1..6]\\students.csv	Sstudent
	first_name	VARCHAR2(256)	NOT NULL	SCD2	student	first_name	VARCHAR2(256)	NOT NULL	\\Data\\Processes\\Session [1..6]\\students.csv	
	last_name	VARCHAR2(256)	NOT NULL	SCD2	student	last_name	VARCHAR2(256)	NOT NULL	\\Data\\Processes\\Session [1..6]\\students.csv	
	from_date	DATE	NOT NULL	SCD2	student	last_update	DATE	PRIMARY KEY	\\Data\\Processes\\Session [1..6]\\students.csv	
	to_date	DATE	PRIMARY KEY	SCD2	student	last_update	DATE	PRIMARY KEY	\\Data\\Processes\\Session [1..6]\\students.csv	
attendance	session_id	INTEGER	PRIMARY FOREIGN KEY	SCD1	attendance	session_id	INTEGER	PRIMARY KEY	\\Data\\logs.txt	Sattendance
	student_id	INTEGER	PRIMARY FOREIGN KEY	SCD1	attendance	student_id	VARCHAR2(256)	PRIMARY KEY	\\Data\\logs.txt	
	present	INTEGER	NOT NULL	SCD1	attendance	present	VARCHAR2(256)	NOT NULL	\\Data\\logs.txt	
session_grade	student_id	INTEGER	PRIMARY FOREIGN KEY	SCD1	intermediate_grades	student_id	INTEGER	PRIMARY KEY	\\Data\\intermediate_grades.xlsx	SsessionGrade
	points	INTEGER	NOT NULL	SCD1	intermediate_grades	points	INTEGER	NOT NULL	\\Data\\intermediate_grades.xlsx	
	session_id	INTEGER	PRIMARY FOREIGN KEY	SCD1	intermediate_grades	session_id	INTEGER	PRIMARY KEY	\\Data\\intermediate_grades.xlsx	
final_exercise_points	student_id	INTEGER	PRIMARY FOREIGN KEY	SCD1	final_grades	student_id	INTEGER	PRIMARY KEY	\\Data\\final_grades.xlsx	SfinalExercisePoints
	final_exercise_exercise_name	VARCHAR(256)	PRIMARY FOREIGN KEY	SCD1	final_grades	ES.*	INTEGER	NOT NULL	\\Data\\final_grades.xlsx	
	points	INTEGER	NOT NULL	SCD1	final_grades	ES.*	INTEGER	NOT NULL	\\Data\\final_grades.xlsx	
	attempt	INTEGER	PRIMARY KEY	SCD1	final_grades	attempt	INTEGER	PRIMARY KEY	\\Data\\final_grades.xlsx	
	total	INTEGER	NOT NULL	SCD1	final_grades	total	INTEGER	NOT NULL	\\Data\\final_grades.xlsx	
final_exercise	exercise_name	VARCHAR2(256)	PRIMARY KEY	SCD1	final_grades	ES.*	INTEGER	NOT NULL	\\Data\\final_grades.xlsx	SfinalExercise