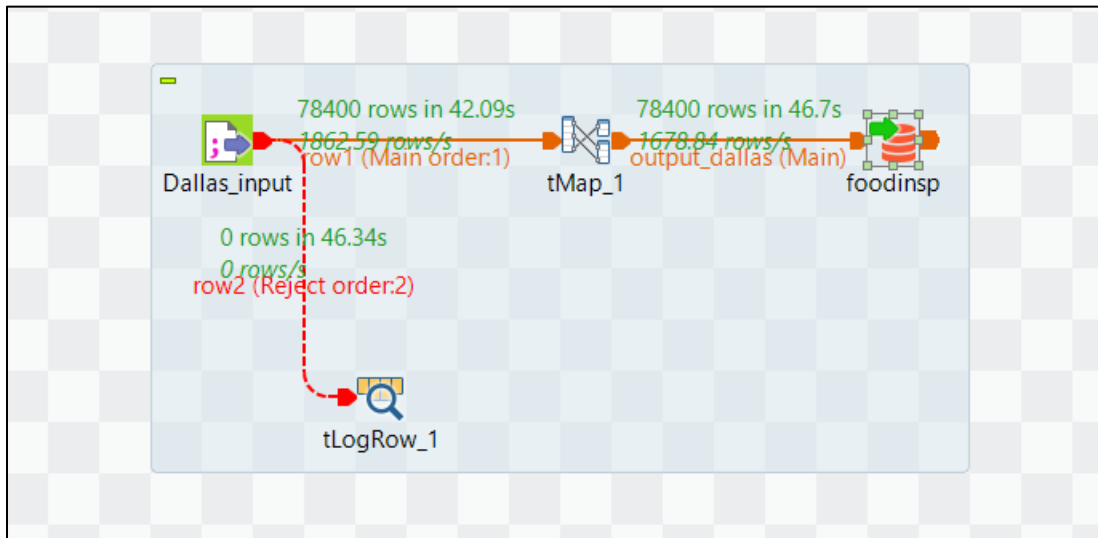


Staging Dallas Food Inspection in SQL Server

Talend Workflow Explanation:



This workflow is reading data from a CSV file, transforms it through tMap_1, sending the main body of transformed data to both an output component which is a SQL Server, and has provisions for handling rejected data and logging it. But there are no rejected rows.

Talend Workflow Components:

- **Dallas_input**: This is the input component that reads data from source, which is a CSV file. This component has processed 78,400 rows of data in 42.09 seconds.
- **tMap_1**: The tMap component is used to transform data. Here, it takes the input data (from Dallas_input) and processes it and the same number of rows 78400 rows in 46.7s is passed.
- **output_dallas (Main)**: This is the main workflow receiving the processed data from the tMap_1 component.
- **foodinsp**: This is the output component, connected to the output_dallas used to stage the processed data in the SQL Server.
- **row2 (Reject Order:2)**: row2 is a reject flow where rows that do not meet certain criteria in the tMap are sent. No rows are rejected as indicated by 0 rows.
- **tLogRow_1**: This component is used to log data rows that are rejected and outputs to the console.

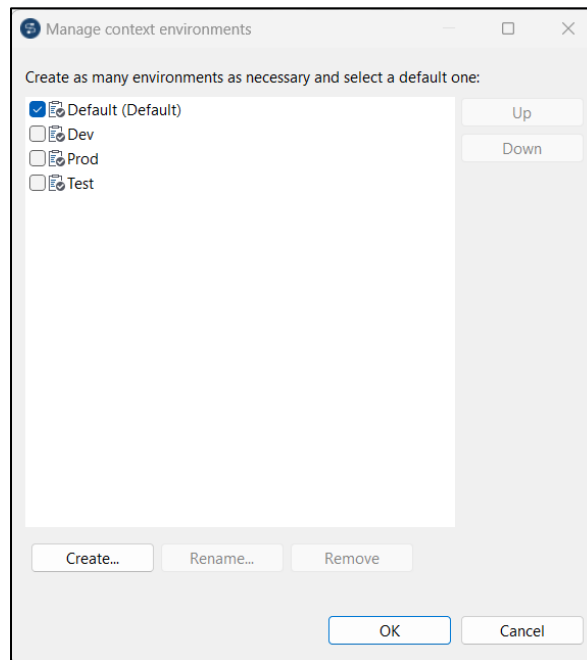
The screenshot displays the 'Job Inspection_Dallas' interface. At the top, a data flow diagram shows the process: 'Dallas_input' (78400 rows in 42.09s) feeds into 'tMap_1' (78400 rows in 46.7s), which then feeds into 'output_dallas (Main)' (78400 rows in 46.7s). A 'tLogRow_1' component is also shown, receiving data from 'Dallas_input' (0 rows in 46.34s) and 'output_dallas (Main)' (0 rows in 46.34s). Below the diagram, the 'Execution' tab is active, showing a log of the job's execution. The log indicates that the job started at 15:29:30 on 20/02/2024, connected to a socket on port 3572, and ended at 15:30:20 on the same date with an exit code of 0. On the right, a 'Default' tab shows a list of variables and their values, including 'Dallas_input_Encoding' (UTF-8), 'Dallas_input_Header' (1), 'Dallas_input_File' (C:/Users/v...), 'Dallas_input_FieldSeparator' (\\t), 'Dallas_input_RowSeparator' (\\n), 'foodinsp_Port' (1433), 'foodinsp_Database' (Food_Insp), 'foodinsp_Password' (*****), 'foodinsp_Login' (damg737), 'foodinsp_AdditionalParams' (damg737), 'foodinsp_Server' (VAISHVEE), 'foodinsp_Schema' (VAISHVEE), 'Dallas_input1_RowSeparator' (\\n), 'Dallas_input1_FieldSeparator' (\\t), 'Dallas_input1_Encoding' (UTF-8), 'Dallas_input1_Header' (1), 'Dallas_input1_File' (C:/Users/v...), 'foodinsp_mysql_root' (root), 'foodinsp_mysql_noDatetime' (noDatetime), and 'foodinsp_mysql_charset' (3306).

Context Variables

The screenshot shows the 'Context Variables' table in the 'Job Inspection_Dallas' interface. The table lists 17 variables, including those from the repository context and new variables. The variables are organized into a table with columns for Name, Type, Comment, Enable prompt, and Default.

	Name	Type	Comment	Enable prompt	Default
1	Dallas_input (from repository context)				
2	Dallas_input_Encoding	String		<input type="checkbox"/>	UTF-8
3	Dallas_input_Header	int Integer		<input type="checkbox"/>	1
4	Dallas_input_File	File		<input type="checkbox"/>	C:/Users/vaish/OneDrive/Desktop/DADABI/MID TERM/Restau
5	Dallas_input_FieldSeparator	String		<input type="checkbox"/>	\\t
6	Dallas_input_RowSeparator	String		<input type="checkbox"/>	\\n
7	foodinsp_output (from repository context)				
8	foodinsp_Port	String		<input type="checkbox"/>	1433
9	foodinsp_Database	String		<input type="checkbox"/>	Food_Inspection
10	foodinsp_Password	Password		<input type="checkbox"/>	*****
11	foodinsp_Login	String		<input type="checkbox"/>	damg7370
12	foodinsp_AdditionalParams	String		<input type="checkbox"/>	
13	foodinsp_Server	String		<input type="checkbox"/>	VAISHVEER
14	foodinsp_Schema	String		<input type="checkbox"/>	
15	Dallas_input_new (from repository context)				
16	Dallas_input1_RowSeparator	String		<input type="checkbox"/>	\\n
17	Dallas_input1_FieldSeparator	String		<input type="checkbox"/>	\\t
18	Dallas_input1_Encoding	String		<input type="checkbox"/>	UTF-8

Environments



Staged Table In SQL Server

SQLQuery18.sql - V...ISHVEER(vaish (59))

```
SELECT TOP (1000) [Restaurant Name]
, [Inspection Type]
, [Inspection Date]
, [Inspection Date_new]
, [Inspection Score]
, [Street Number]
, [Street Name]
, [Street Direction]
, [Street Type]
, [Street Unit]
, [Street Address]
, [Zip Code]
, [Violation Description_1]
, [Violation Points_1]
, [Violation Detail_1]
, [Violation Memo_1]
, [Violation Description_2]
, [Violation Points_2]
, [Violation Detail_2]
, [Violation Memo_2]
, [Violation Description_3]
, [Violation Points_3]
, [Violation Detail_3]
, [Violation Memo_3]
```

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	Restaurant_Name	Inspection_Type	Inspection_Date	Inspection_Date_new	Inspection_Score	Street_Number	Street_Name	Street_Direction	Street_Type	Street_Unit	Street_Address
1	HILLCREST CAFE	Routine	07/29/2020	2020-07-29 00:00:00.000	88	12720	HILLCREST		RD	#107	12720 HILLCRE
2	STIRR	Routine	08/04/2020	2020-08-04 00:00:00.000	100	2803	MAIN		ST	#110	2803 MAIN ST #
3	GILLEY'S	Routine	09/23/2020	2020-09-23 00:00:00.000	99	1135	BOTHAM JEAN		BLVD		1135 BOTHAM .
4	JENNY CRAIG	Routine	03/11/2020	2020-03-11 00:00:00.000	98	5553	LOVERS	W	LN		5553 W LOVER!
5	FAMILY DOLLAR STORE #7822	Routine	04/05/2021	2021-04-05 00:00:00.000	100	3324	ELSIE FAYE HEGGINS		ST		3324 ELSIE FAY
6	COTTON BOWL STAND #5	Routine	09/17/2019	2019-09-17 00:00:00.000	100	0	FAIR PARK				0 FAIR PARK
7	CVS PHARMACY	Routine	11/23/2020	2020-11-23 00:00:00.000	100	15105	PRESTON		RD		15105 PRESTO
8	JOY MACARONS	Routine	07/28/2022	2022-07-28 00:00:00.000	99	839	DAVIS	W	ST		839 W DAVIS ST
9	WILLIAMS FRIED CHICKEN	Routine	05/22/2019	2019-05-22 00:00:00.000	100	2955	WALNUT HILL		LN		2955 WALNUT I
10	POTBELLY SANDWICH SHOP	Routine	05/13/2022	2022-05-13 00:00:00.000	96	12747	MIDWAY		RD	#100	12747 MIDWAY
11	KFC	Routine	03/12/2020	2020-03-12 00:00:00.000	98	106	ILLINOIS	W	AVE		106 W ILLINOIS
12	TOM THUMB #3582 BAKERY	Routine	12/04/2020	2020-12-04 00:00:00.000	100	18212	PRESTON		RD		18212 PRESTO
13	KIDD SPRINGS AQUATIC CENTER CONCESSIONS	Routine	07/09/2021	2021-07-09 00:00:00.000	100	807	CANTY	W	ST		807 W CANTY S

Total rows: 78400

Query executed successfully. VAISHVEER (16.0 RTM) VAISHVEER(vaish (59)) Food_Inspection 00:00:00 1,001 rows

SQLQuery-SeattleP...SHVEER(vaish (60)) SQLQuery18.sql - V...ISHVEER(vaish (59))

```

SELECT
    t.name AS TableName,
    c.name AS ColumnName,
    ty.name AS DataType,
    c.max_length AS Size,
    c.precision AS Precision,
    c.scale AS Scale,
    c.is_nullable AS IsNullable,
    c.is_identity AS IsIdentity
FROM
    sys.tables t
INNER JOIN
    sys.columns c ON t.object_id = c.object_id
INNER JOIN
    sys.types ty ON c.user_type_id = ty.user_type_id
WHERE
    t.name = 'stg_Dallas_Inspection'
ORDER BY
    t.name, c.column_id;

```

110 %

TableName	ColumnName	DataType	Size	Precision	Scale	IsNullable	IsIdentity
stg_Dallas_Inspection	Restaurant_Name	varchar	200	0	0	1	0
stg_Dallas_Inspection	Inspection_Type	varchar	200	0	0	1	0
stg_Dallas_Inspection	Inspection_Date	varchar	200	0	0	1	0
stg_Dallas_Inspection	Inspection_Date_new	datetime	8	23	3	1	0
stg_Dallas_Inspection	Inspection_Score	varchar	200	0	0	1	0
stg_Dallas_Inspection	Street_Number	varchar	200	0	0	1	0
stg_Dallas_Inspection	Street_Name	varchar	200	0	0	1	0
stg_Dallas_Inspection	Street_Direction	varchar	200	0	0	1	0
stg_Dallas_Inspection	Street_Type	varchar	200	0	0	1	0
stg_Dallas_Inspection	Street_Unit	varchar	200	0	0	1	0
stg_Dallas_Inspection	Street_Address	varchar	200	0	0	1	0
stg_Dallas_Inspection	Zip_Code	varchar	200	0	0	1	0
stg_Dallas_Inspection	Violation_Description__1	varchar	100	0	0	1	0
stg_Dallas_Inspection	Violation_Points__1	varchar	200	0	0	1	0
stg_Dallas_Inspection	Violation_Detail__1	varchar	-1	0	0	1	0
stg_Dallas_Inspection	Violation_Memo__1	varchar	-1	0	0	1	0
stg_Dallas_Inspection	Violation_Description__2	varchar	-1	0	0	1	0
stg_Dallas_Inspection	Violation_Points__2	varchar	200	0	0	1	0
stg_Dallas_Inspection	Violation_Detail__2	varchar	-1	0	0	1	0
stg_Dallas_Inspection	Violation_Memo__2	varchar	-1	0	0	1	0
stg_Dallas_Inspection	Violation_Description__3	varchar	-1	0	0	1	0
stg_Dallas_Inspection	Violation_Points__3	varchar	1	0	0	1	0
stg_Dallas_Inspection	Violation_Detail__3	varchar	-1	0	0	1	0

Query executed successfully. VAISHVEER (16.0 RTM) VAISHVEER(vaish (59)) Food_Inspection 00:00:00 117 rows

SQLQuery-SeattleP...SHVEER(vaish (60)) SQLQuery18.sql - V...ISHVEER(vaish (59))

```

select SCHEMA_NAME() as SchemaName;

SELECT * FROM INFORMATION_SCHEMA.TABLES;

SELECT * FROM INFORMATION_SCHEMA.COLUMNS;

```

110 %

SchemaName
dbo

TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	TABLE_TYPE
Food_Inspection	dbo	stg_dallas_test	BASE TABLE
Food_Inspection	dbo	stg_dallas_inspection1	BASE TABLE
Food_Inspection	dbo	stg_Dallas_Inspection	BASE TABLE

TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	COLUMN_NAME	ORDINAL_POSITION	COLUMN_DEFAULT	IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_LENGTH	CHARACTER_OCTET_LENGTH	NUMERIC_PRECISION
Food_Inspection	dbo	stg_dallas_test	Restaurant_Name	1	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Inspection_Type	2	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Inspection_Date	3	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Inspection_Score	4	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Street_Number	5	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Street_Name	6	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Street_Direction	7	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Street_Type	8	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Street_Unit	9	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Street_Address	10	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Zip_Code	11	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Descri...	12	NULL	YES	varchar	100	100	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Points...	13	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Detail...	14	NULL	YES	varchar	-1	-1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Memo...	15	NULL	YES	varchar	-1	-1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Descri...	16	NULL	YES	varchar	-1	-1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Points...	17	NULL	YES	varchar	200	200	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Detail...	18	NULL	YES	varchar	-1	-1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Memo...	19	NULL	YES	varchar	-1	-1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Descri...	20	NULL	YES	varchar	-1	-1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Points...	21	NULL	YES	varchar	1	1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Detail...	22	NULL	YES	varchar	-1	-1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Memo...	23	NULL	YES	varchar	-1	-1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Descri...	24	NULL	YES	varchar	-1	-1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Points...	25	NULL	YES	varchar	1	1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Detail...	26	NULL	YES	varchar	-1	-1	NULL
Food_Inspection	dbo	stg_dallas_test	Violation_Memo...	27	NULL	YES	varchar	-1	-1	NULL

Query executed successfully. VAISHVEER (16.0 RTM) VAISHVEER(vaish (59)) Food_Inspection 00:00:00 262 rows

DDL Script for stage table

```
USE [Food_Inspection]
GO
```

```
/***** Object: Table [dbo].[stg_Dallas_Inspection]  Script Date: 2/20/2024 3:57:34 PM *****/
```

```
SET ANSI_NULLS ON
GO
```

```
SET QUOTED_IDENTIFIER ON
GO
```

```
CREATE TABLE [dbo].[stg_Dallas_Inspection](
    [Restaurant_Name] [varchar](200) NULL,
    [Inspection_Type] [varchar](200) NULL,
    [Inspection_Date] [varchar](200) NULL,
    [Inspection_Date_new] [datetime] NULL,
    [Inspection_Score] [varchar](200) NULL,
    [Street_Number] [varchar](200) NULL,
    [Street_Name] [varchar](200) NULL,
    [Street_Direction] [varchar](200) NULL,
    [Street_Type] [varchar](200) NULL,
    [Street_Unit] [varchar](200) NULL,
    [Street_Address] [varchar](200) NULL,
    [Zip_Code] [varchar](200) NULL,
    [Violation_Description__1] [varchar](100) NULL,
    [Violation_Points__1] [varchar](200) NULL,
    [Violation_Detail__1] [varchar](max) NULL,
    [Violation_Memo__1] [varchar](max) NULL,
    [Violation_Description__2] [varchar](max) NULL,
    [Violation_Points__2] [varchar](200) NULL,
    [Violation_Detail__2] [varchar](max) NULL,
    [Violation_Memo__2] [varchar](max) NULL,
    [Violation_Description__3] [varchar](max) NULL,
    [Violation_Points__3] [varchar](1) NULL,
    [Violation_Detail__3] [varchar](max) NULL,
    [Violation_Memo__3] [varchar](max) NULL,
    [Violation_Description__4] [varchar](max) NULL,
    [Violation_Points__4] [varchar](1) NULL,
    [Violation_Detail__4] [varchar](max) NULL,
    [Violation_Memo__4] [varchar](max) NULL,
    [Violation_Description__5] [varchar](max) NULL,
    [Violation_Points__5] [varchar](max) NULL,
    [Violation_Detail__5] [varchar](max) NULL,
    [Violation_Memo__5] [varchar](max) NULL,
    [Violation_Description__6] [varchar](max) NULL,
    [Violation_Points__6] [varchar](max) NULL,
    [Violation_Detail__6] [varchar](max) NULL,
    [Violation_Memo__6] [varchar](max) NULL,
    [Violation_Description__7] [varchar](max) NULL,
    [Violation_Points__7] [varchar](max) NULL,
    [Violation_Detail__7] [varchar](max) NULL,
    [Violation_Memo__7] [varchar](max) NULL,
    [Violation_Description__8] [varchar](max) NULL,
    [Violation_Points__8] [varchar](max) NULL,
    [Violation_Detail__8] [varchar](max) NULL,
```

[Violation_Memo___8] [varchar](max) NULL,
 [Violation_Description___9] [varchar](max) NULL,
 [Violation_Points___9] [varchar](max) NULL,
 [Violation_Detail___9] [varchar](max) NULL,
 [Violation_Memo___9] [varchar](max) NULL,
 [Violation_Description___10] [varchar](max) NULL,
 [Violation_Points___10] [varchar](max) NULL,
 [Violation_Detail___10] [varchar](max) NULL,
 [Violation_Memo___10] [varchar](max) NULL,
 [Violation_Description___11] [varchar](max) NULL,
 [Violation_Points___11] [varchar](max) NULL,
 [Violation_Detail___11] [varchar](max) NULL,
 [Violation_Memo___11] [varchar](max) NULL,
 [Violation_Description___12] [varchar](max) NULL,
 [Violation_Points___12] [varchar](max) NULL,
 [Violation_Detail___12] [varchar](max) NULL,
 [Violation_Memo___12] [varchar](max) NULL,
 [Violation_Description___13] [varchar](max) NULL,
 [Violation_Points___13] [varchar](100) NULL,
 [Violation_Detail___13] [varchar](1000) NULL,
 [Violation_Memo___13] [varchar](max) NULL,
 [Violation_Description___14] [varchar](max) NULL,
 [Violation_Points___14] [varchar](100) NULL,
 [Violation_Detail___14] [varchar](max) NULL,
 [Violation_Memo___14] [varchar](max) NULL,
 [Violation_Description___15] [varchar](max) NULL,
 [Violation_Points___15] [varchar](1001) NULL,
 [Violation_Detail___15] [varchar](max) NULL,
 [Violation_Memo___15] [varchar](max) NULL,
 [Violation_Description___16] [varchar](max) NULL,
 [Violation_Points___16] [varchar](100) NULL,
 [Violation_Detail___16] [varchar](max) NULL,
 [Violation_Memo___16] [varchar](max) NULL,
 [Violation_Description___17] [varchar](max) NULL,
 [Violation_Points___17] [varchar](100) NULL,
 [Violation_Detail___17] [varchar](max) NULL,
 [Violation_Memo___17] [varchar](max) NULL,
 [Violation_Description___18] [varchar](max) NULL,
 [Violation_Points___18] [varchar](100) NULL,
 [Violation_Detail___18] [varchar](max) NULL,
 [Violation_Memo___18] [varchar](max) NULL,
 [Violation_Description___19] [varchar](max) NULL,
 [Violation_Points___19] [varchar](100) NULL,
 [Violation_Detail___19] [varchar](max) NULL,
 [Violation_Memo___19] [varchar](max) NULL,
 [Violation_Description___20] [varchar](max) NULL,
 [Violation_Points___20] [varchar](100) NULL,
 [Violation_Detail___20] [varchar](max) NULL,
 [Violation_Memo___20] [varchar](max) NULL,
 [Violation_Description___21] [varchar](max) NULL,
 [Violation_Points___21] [varchar](100) NULL,
 [Violation_Detail___21] [varchar](max) NULL,
 [Violation_Memo___21] [varchar](max) NULL,
 [Violation_Description___22] [varchar](max) NULL,
 [Violation_Points___22] [varchar](1000) NULL,
 [Violation_Detail___22] [varchar](max) NULL,

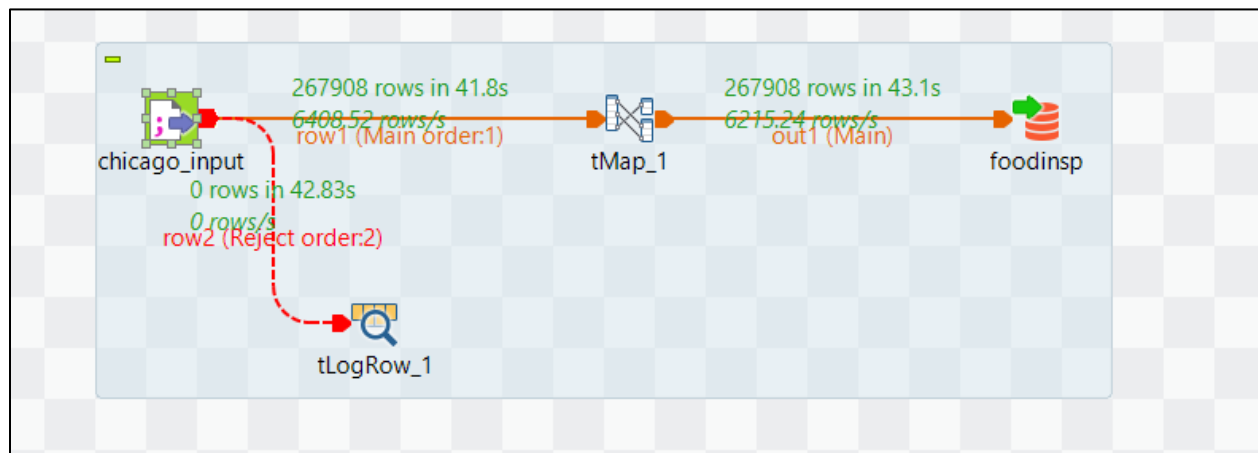
```

[Violation_Memo__22] [varchar](max) NULL,
[Violation_Description__23] [varchar](max) NULL,
[Violation_Points__23] [varchar](100) NULL,
[Violation_Detail__23] [varchar](max) NULL,
[Violation_Memo__23] [varchar](max) NULL,
[Violation_Description__24] [varchar](max) NULL,
[Violation_Points__24] [varchar](100) NULL,
[Violation_Detail__24] [varchar](max) NULL,
[Violation_Memo__24] [varchar](max) NULL,
[Violation_Description__25] [varchar](max) NULL,
[Violation_Points__25] [varchar](100) NULL,
[Violation_Detail__25] [varchar](max) NULL,
[Violation_Memo__25] [varchar](max) NULL,
[Inspection_Month] [varchar](8) NULL,
[Inspection_Year] [varchar](20) NULL,
[Lat_Long_Location] [varchar](1000) NULL,
[DI_CreateDate] [datetime] NULL,
[DI_WorkflowName] [varchar](25) NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO

```

Staging Chicago Food Inspection in SQL Server

Talend Workflow Explanation:



This workflow is reading data from a CSV file, transforms it through tMap_1, sending the main body of transformed data to both an output component which is a SQL Server, and has provisions for handling rejected data and logging it. But there are no rejected rows.

Talend Workflow Components:

- **chicago_input:** This is the input component that reads data from source, which is a CSV file. This component has processed 267908 rows of data in 6408.25 seconds.
- **tMap_1:** The tMap component is used to transform data. Here, it takes the input data (from Dallas_input) and processes it and the same number of rows in 6215.24 is passed.
- **out1 (Main):** This is the main workflow receiving the processed data from the tMap_1 component.
- **foodinsp:** This is the output component, connected to the out1 used to stage the processed data in the SQL Server.

- row2 (Reject Order:2): row2 is a reject flow where rows that do not meet certain criteria in the tMap are sent. No rows are rejected as indicated by 0 rows.
- tLogRow_1: This component is used to log data rows that are rejected and outputs to the console.

Context Variable

Manage variables						View environments	Manage environments
	Name	Type	Comment	Enable prompt	Default		
8	chicago_stg_db_Server	String		<input type="checkbox"/>	localhost		
9	chicago_stg_db_Database	String		<input type="checkbox"/>	dadabi		
10	chicago_stg_db_Password	Password		<input type="checkbox"/>	*****		
11	chicago_stg_db_Login	String		<input type="checkbox"/>	root		
12	chicago_stg_db_Port	String		<input type="checkbox"/>	3306		
13	chicago_stg_db_AdditionalParams	String		<input type="checkbox"/>	noDatetimeStringSync=true&enabledTLSProtocols=TLSv1.		
14	foodinsp_output (from repository context)						
15	foodinsp_Port	String		<input type="checkbox"/>	1433		
16	foodinsp_Database	String		<input type="checkbox"/>	Food_Inspection		
17	foodinsp_Password	Password		<input type="checkbox"/>	*****		
18	foodinsp_Login	String		<input type="checkbox"/>	damg7370		
19	foodinsp_AdditionalParams	String		<input type="checkbox"/>			
20	foodinsp_Server	String		<input type="checkbox"/>	VAISHVEER		
21	foodinsp_Schema	String		<input type="checkbox"/>			
22	chicago_input (from repository context)						
23	chicago_input_Header	int Integer		<input type="checkbox"/>	1		
24	chicago_input_File	File		<input type="checkbox"/>	C:/Users/vaish/OneDrive/Desktop/DADABI/MID TERM/Food_Insp		
25	chicago_input_FieldSeparator	String		<input type="checkbox"/>	" "		
26	chicago_input_RowSeparator	String		<input type="checkbox"/>	"\n"		
27	chicago_input_Encoding	String		<input type="checkbox"/>	US-ASCII		

Environment

Manage context environments

Create as many environments as necessary and select a default one:

☒ Default (Default)
☐ dev
☐ prod
☐ test

Up
Down

Create...
Rename...
Remove

OK
Cancel

Staged Table in SQL Server

SQLQuery5.sql - VA...SHVEER(vaish (62)) * x SQLQuery4.sql - VA...SHVEER(vaish (66)) SQLQuery3.sql - VA...SHVEER(vaish (63)) SQLQuery2.sql - VA...SHVEER(vaish (64)) SQLQuery1.sql - VA...SHVEER(vaish (61))*

```

SELECT TOP (1000) [Inspection ID]
, [DBA Name]
, [AKA Name]
, [License]
, [Facility Type]
, [Risk]
, [Address]
, [City]
, [State]
, [Zip]
, [Inspection Date]
, [Inspection Type]
, [Results]
, [Violations]
, [Latitude]
, [Longitude]
, [Location]
, [DI_WorkflowFileName]
, [DI_CreatedDate]
FROM [Food Inspection].[dbo].[stg_Chicago_Inspection]

```

110 %

Results Messages

Inspection_ID	DBA Name	AKA Name	License	Facility_Type	Risk	Address	City	State	Zip	Inspection_Date	Inspection_Type
2589808	LADYBUG & FRIEND'S DAYCARE	LADYBUG & FRIEND'S DAYCARE AND PRESCHOOL	2694470	Children's Services Facility	Risk 1 (High)	7648-54 W TOUHY AVE	CHICAGO	IL	60631	2024-02-20 00:00:00.000	License Re-Insp
2589815	TACOMBI	TACOMBI	2951873	Restaurant	Risk 1 (High)	1442 N MILWAUKEE AVE	CHICAGO	IL	60622	2024-02-20 00:00:00.000	License
2589772	Thomas, Velma ECC	Thomas, Velma ECC	26891	School	Risk 1 (High)	3625 S Hoyne (2100W) (St. Maurice)	CHICAGO	IL	60609	2024-02-20 00:00:00.000	Canvass
2589771	LA SERREBAR LA RUE	LA SERREBAR LA RUE	2939520	Restaurant	Risk 3 (Low)	820 W FULTON MARKET BLDG	CHICAGO	IL	60607	2024-02-20 00:00:00.000	License
2589779	NANDO'S PERI-PERI	NANDO'S PERI-PERI	2379215	Restaurant	Risk 1 (High)	670 W DIVERSEY PKWY	CHICAGO	IL	60614	2024-02-20 00:00:00.000	Canvass Re-Insp
2589762	MANOLOS TAMALES 4	MANOLOS TAMALES	2745155	Restaurant	Risk 1 (High)	6641 S CICERO AVE	CHICAGO	IL	60638	2024-02-20 00:00:00.000	Canvass Re-Insp
2589732	THE SIT DOWN	THE SIT DOWN	1904432	Restaurant	Risk 1 (High)	1312 E 53RD ST	CHICAGO	IL	60615	2024-02-16 00:00:00.000	Canvass
2589743	LA SERREBAR LA RUE	LA SERREBAR LA RUE	2939518	Restaurant	Risk 1 (High)	820 W FULTON MARKET BLDG	CHICAGO	IL	60607	2024-02-20 00:00:00.000	License
2589719	HACKY'S CHINESE FOOD	HACKY'S CHINESE FOOD	1299747	Restaurant	Risk 1 (High)	5231 S WOODLAWN AVE	CHICAGO	IL	60615	2024-02-16 00:00:00.000	Canvass
2589700	HACHI SUSHI	HACHI SUSHI	2636936	Restaurant	Risk 1 (High)	3448 E 118TH ST	CHICAGO	IL	60617	2024-02-16 00:00:00.000	Canvass
2589669	CUABANTO EXPRES	CUABANTO EXPRES	2952053	Restaurant	Risk 1 (High)	4720 S PULASKI RD	CHICAGO	IL	60632	2024-02-15 00:00:00.000	License
2589659	HUA'S CHINESE CHOP SUEY EXPRESS	HUA'S CHINESE CHOP SUEY EXPRESS	2147319	Restaurant	Risk 1 (High)	3014 E 91ST ST	CHICAGO	IL	60617	2024-02-15 00:00:00.000	Canvass Re-Insp
2589654	THE PROMONTORY	THE PROMONTORY	2269538	Restaurant	Risk 1 (High)	5307-5319 S LAKE PARK AVE	CHICAGO	IL	60615	2024-02-15 00:00:00.000	Non-Inspection
2589645	NOORI CHICKEN CHICAGO	NOORI CHICKEN CHICAGO	2952358		All	3223 N CLARK ST	CHICAGO	IL	60657	2024-02-15 00:00:00.000	License
2589646	Ellington Elementary School	Ellington Elementary School	23101	School	Risk 1 (High)	243 N Parkside	CHICAGO	IL	60644	2024-02-15 00:00:00.000	Canvass
2589643	CURRY ON FIRE	CURRY ON FIRE	2535924	Restaurant	Risk 1 (High)	1030 W TAYLOR ST	CHICAGO	IL	60607	2024-02-15 00:00:00.000	Complaint
2589639	CHIPOTLE MEXICAN GRILL #3651	CHIPOTLE	2748958	Restaurant	Risk 1 (High)	5533 S HARLEM AVE	CHICAGO	IL	60638	2024-02-15 00:00:00.000	Canvass
2589612	CAVA	CAVA	2951631		All	1484 N MILWAUKEE AVE	CHICAGO	IL	60622	2024-02-14 00:00:00.000	License
2589605	SOUL & SMOKE	SOUL & SMOKE	2943979	Restaurant	Risk 1 (High)	500 W MADISON ST	CHICAGO	IL	60661	2024-02-14 00:00:00.000	License Re-Insp
2589512	MARATHON	MARATHON	2673816	GAS STATION	Risk 3 (Low)	2800-2806 W 55TH ST	CHICAGO	IL	60632	2024-02-13 00:00:00.000	Complaint Re-Insp

Query executed successfully.

VAISHVEER (16.0 RTM) VAISHVEER(vaish (62)) Food_Inspection 00:00:00 1,000 rows

Chicago_schema_qu...HVEER(vaish (60)) Dallas_create_quer...ISHVEER(vaish (69)) SQLQuery5.sql - VA...SHVEER(vaish (62)) * x SQLQuery4.sql - VA...SHVEER(vaish (66))

```

SELECT
t.name AS TableName,
c.name AS ColumnName,
ty.name AS DataType,
c.max_length AS Size,
c.precision AS Precision,
c.scale AS Scale,
c.is_nullable AS IsNullable,
c.is_identity AS IsIdentity
FROM
sys.tables t
INNER JOIN
sys.columns c ON t.object_id = c.object_id
INNER JOIN
sys.types ty ON c.user_type_id = ty.user_type_id
WHERE
t.name = 'stg_Chicago_Inspection'
ORDER BY
t.name, c.column_id;

```

110 %

Results Messages

TableName	ColumnName	DataType	Size	Precision	Scale	IsNullable	IsIdentity
stg_Chicago_Inspection	Inspection_ID	int	4	10	0	1	0
stg_Chicago_Inspection	DBA_Name	varchar	100	0	0	1	0
stg_Chicago_Inspection	AKA_Name	varchar	100	0	0	1	0
stg_Chicago_Inspection	License	int	4	10	0	1	0
stg_Chicago_Inspection	Facility_Type	varchar	100	0	0	1	0
stg_Chicago_Inspection	Risk	varchar	15	0	0	1	0
stg_Chicago_Inspection	Address	varchar	100	0	0	1	0
stg_Chicago_Inspection	City	varchar	50	0	0	1	0
stg_Chicago_Inspection	State	varchar	50	0	0	1	0
stg_Chicago_Inspection	Zip	int	4	10	0	1	0
stg_Chicago_Inspection	Inspection_Date	datetime	8	23	3	1	0
stg_Chicago_Inspection	Inspection_Type	varchar	50	0	0	1	0
stg_Chicago_Inspection	Results	varchar	50	0	0	1	0
stg_Chicago_Inspection	Violations	varchar	-1	0	0	1	0
stg_Chicago_Inspection	Latitude	varchar	20	0	0	1	0
stg_Chicago_Inspection	Longitude	varchar	20	0	0	1	0
stg_Chicago_Inspection	Location	varchar	40	0	0	1	0
stg_Chicago_Inspection	DI_WorkflowFileName	varchar	255	0	0	1	0
stg_Chicago_Inspection	DI_CreatedDate	datetime	8	23	3	1	0

SchemaName

1 dbo

Query executed successfully.

VAISHVEER (16.0 RTM) VAISHVEER(vaish (62)) Food_Inspection 00:00:00 20 rows

(No column name)	
1	267908

DDL Script for Stage Table:

```
USE [Food_Inspection]
GO
```

```
/***** Object: Table [dbo].[stg_Chicago_Inspection] Script Date: 2/24/2024 12:41:39 AM *****/
```

```
SET ANSI_NULLS ON
GO
```

```
SET QUOTED_IDENTIFIER ON
GO
```

```
CREATE TABLE [dbo].[stg_Chicago_Inspection](
    [Inspection_ID] [int] NULL,
    [DBA_Name] [varchar](100) NULL,
    [AKA_Name] [varchar](100) NULL,
    [License] [int] NULL,
    [Facility_Type] [varchar](100) NULL,
    [Risk] [varchar](15) NULL,
    [Address] [varchar](100) NULL,
    [City] [varchar](50) NULL,
    [State] [varchar](50) NULL,
    [Zip] [int] NULL,
    [Inspection_Date] [datetime] NULL,
    [Inspection_Type] [varchar](50) NULL,
    [Results] [varchar](50) NULL,
    [Violations] [varchar](max) NULL,
    [Latitude] [varchar](20) NULL,
    [Longitude] [varchar](20) NULL,
    [Location] [varchar](40) NULL,
    [DI_WorkflowFileName] [varchar](255) NULL,
    [DI_CreatedDate] [datetime] NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
```

```

Chicago_create_qu...SHVEER(vaish (59))  SQLQuery5.sql - VA...SHVEER(vaish (62))  SQLQuery4.sql - VA...SHVEER(vaish (66))  SQLQuery3.sql - VA...SHVEER(vaish (63))
USE [Food_Inspection]
GO

/***** Object: Table [dbo].[stg_Chicago_Inspection]    Script Date: 2/24/2024 12:41:39 AM *****/
SET ANSI_NULLS ON
GO

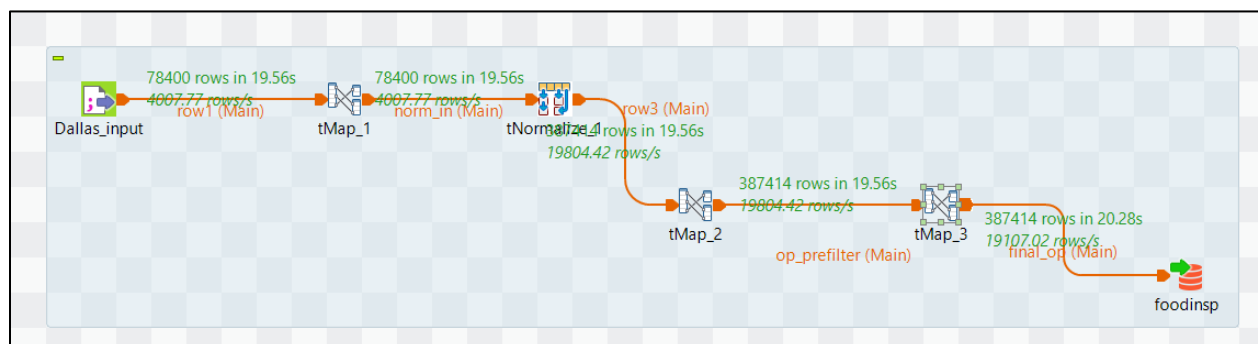
SET QUOTED_IDENTIFIER ON
GO

CREATE TABLE [dbo].[stg_Chicago_Inspection](
    [Inspection_ID] [int] NULL,
    [DBA_Name] [varchar](100) NULL,
    [AKA_Name] [varchar](100) NULL,
    [License] [int] NULL,
    [Facility_Type] [varchar](100) NULL,
    [Risk] [varchar](15) NULL,
    [Address] [varchar](100) NULL,
    [City] [varchar](50) NULL,
    [State] [varchar](50) NULL,
    [Zip] [int] NULL,
    [Inspection_Date] [datetime] NULL,
    [Inspection_Type] [varchar](50) NULL,
    [Results] [varchar](50) NULL,
    [Violations] [varchar](max) NULL,
    [Latitude] [varchar](20) NULL,
    [Longitude] [varchar](20) NULL,
    [Location] [varchar](40) NULL,
    [DI_WorkflowFileName] [varchar](255) NULL,
    [DI_CreatedDate] [datetime] NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO

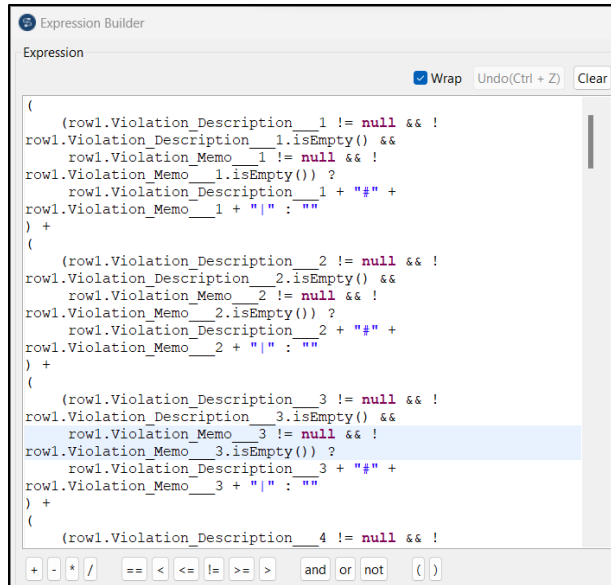
```

Cleaned, Normalized, Datatype Converted Dallas Dataset (staged in SQL Server)

Talend Workflow Explanation:



In this workflow we have taken the input file in csv format and performed transformations in tMap1. In this tmap new columns are created to represent the cleaned data, ie Inspection Date is checked for null values and converted to Date format. If any null values were encountered, we replaced it with '01/01/1990'. Similarly for any column of type string we have handled the null values by replacing with 'NA' and for any numeric column with null values we have replaced it with 0000. Furthermore, in tMap1 we have added a condition to merge the data from Violation Description and Violation Memo into a single row (as below) so that it can be given to tNormalize to perform multiple row transformations.



This transformed data from the tmap is given as input to tNormalize1 where it separates the merged row into multiple rows based on delimiter '|'.

Column to normalize	Violation_Description_Memo	*	Item separator	"\\ "
---------------------	----------------------------	---	----------------	-------

Now, the output of the tNormalize1 is given to a tMap2 to further split the multiple rows into respective columns- Violation_Code, Violation_Description and Inspection_Comments(Violation_Memo as reference). Furthermore, a new column is added where the respective Violation_Points are added together to get Violation_Score. In tMap3 , another column is added to get the Inspection_Results based off the calculations of Violation_Score. We have also added a column AKA_Name where the restaurant name has been duplicated to fill in. We have also added a column for risk category which has been populated with the value 'Invalid' The final output is a staged table in SQL Server.

Dallas Final Staged Table

SQLQuery31.sql - V..ISHVEER\vaish (60)

```

--SELECT TOP (1000) [Inspection ID]
,[License]
,[Restaurant_Name]
,[AKA_Name]
,[Inspection_Date_new]
,[Inspection_Type_new]
,[Inspection_Score_new]
,[Street_Number]
,[Street_Name]
,[Street_Direction_new]
,[Street_Type_new]
,[Street_Unit_new]
,[Street_Address]
,[Zip_Code]
,[Latitude]
,[Longitude]
,[Inspection_Month_new]
,[Inspection_Month_Year_new]
,[Inspection_Year_new]
,[Violation_Code]
,[Violation_Description]

```

110 %

Results Messages

Inspection_ID	License	Restaurant_Name	AKA_Name	Inspection_Date_new	Inspection_Type_new	Inspection_Score_new	Street_Number	Street_Name	Street_Direction_new	Street_Type_new
1	100	-9999	MICKLE CHICKEN	2019-10-30 00:00:00.000	Routine	100	3203	CAMP WISDOM	W	RD
2	101	-9999	TOM THUMB - JUICE BAR	2020-04-08 00:00:00.000	Routine	100	2380	FIELD	N	ST
3	102	-9999	BROOKDALE WHITE ROCK	2020-07-29 00:00:00.000	Routine	97	9271	WHITE ROCK	NA	TRL
4	102	-9999	BROOKDALE WHITE ROCK	2020-07-29 00:00:00.000	Routine	97	9271	WHITE ROCK	NA	TRL
5	102	-9999	BROOKDALE WHITE ROCK	2020-07-29 00:00:00.000	Routine	97	9271	WHITE ROCK	NA	TRL
6	103	-9999	CHURCH'S CHICKEN #201	2020-09-14 00:00:00.000	Routine	100	10295	FERGUSON	NA	RD
7	104	-9999	PEAK PREPARATORY-PRIMARY SCHOOL	2017-04-25 00:00:00.000	Routine	98	1474	ANNEX	NA	AVE
8	105	-9999	SAMS CLUB #6482 - DEMO ROOM	2021-04-05 00:00:00.000	Routine	100	5555	BUCKNER	S	BLVD
9	106	-9999	AMC THEATRES NORTH PARK 15 (BAR)	2021-04-09 00:00:00.000	Routine	100	8687	CENTRAL	N	EXPW
10	107	-9999	SAMS CLUB #6282 - DEMO ROOM	2021-11-14 00:00:00.000	Routine	100	2900	WHEATLAND	W	RD
11	108	-9999	UCHI DALLAS	2020-03-11 00:00:00.000	Routine	98	2817	MAPLE	NA	AVE
12	108	-9999	UCHI DALLAS	2020-03-11 00:00:00.000	Routine	98	2817	MAPLE	NA	AVE
13	109	-9999	UNREFINED BAKERY	2020-03-23 00:00:00.000	Routine	100	2222	MCKINNEY	NA	AVE
14	110	-9999	KIMBALL HIGH SCHOOL	2019-11-18 00:00:00.000	Routine	100	3606	WESTMORELAND	S	RD
15	111	-9999	SHELL EMPIRE	2020-07-15 00:00:00.000	Routine	97	8390	STEMMONS	N	FRWY
16	111	-9999	SHELL EMPIRE	2020-07-15 00:00:00.000	Routine	97	8390	STEMMONS	N	FRWY
17	112	-9999	AFC SUSHI	2021-04-12 00:00:00.000	Routine	98	1441	BECKLEY	N	AVE
18	112	-9999	AFC SUSHI	2021-04-12 00:00:00.000	Routine	98	1441	BECKLEY	N	AVE
19	113	-9999	DOLLAR GENERAL #852	2020-08-12 00:00:00.000	Routine	96	9035	FOREST	NA	LN
20	113	-9999	DOLLAR GENERAL #852	2020-08-12 00:00:00.000	Routine	96	9035	FOREST	NA	LN

Query executed successfully.

VAISHVEER (16.0 RTM) | VAISHVEER\vaish (60) | Food_Inspection | 00:00:00 | 1,000 rows

TableName	ColumnName	DataType	Size	Precision	Scale	IsNullable	IsIdentity
1	stg_Dallas_Inspection_normalized	Inspection_ID	int	4	10	0	0
2	stg_Dallas_Inspection_normalized	License	int	4	10	0	0
3	stg_Dallas_Inspection_normalized	Restaurant_Name	varchar	500	0	0	1
4	stg_Dallas_Inspection_normalized	AKA_Name	varchar	500	0	0	1
5	stg_Dallas_Inspection_normalized	Inspection_Date_new	datetime	8	23	3	1
6	stg_Dallas_Inspection_normalized	Inspection_Type_new	varchar	100	0	0	1
7	stg_Dallas_Inspection_normalized	Inspection_Score_new	int	4	10	0	1
8	stg_Dallas_Inspection_normalized	Street_Number	int	4	10	0	1
9	stg_Dallas_Inspection_normalized	Street_Name	varchar	100	0	0	1
10	stg_Dallas_Inspection_normalized	Street_Direction_new	varchar	2	0	0	1
11	stg_Dallas_Inspection_normalized	Street_Type_new	varchar	4	0	0	1
12	stg_Dallas_Inspection_normalized	Street_Unit_new	varchar	5	0	0	1
13	stg_Dallas_Inspection_normalized	Street_Address	varchar	400	0	0	1
14	stg_Dallas_Inspection_normalized	Zip_Code	int	4	10	0	1
15	stg_Dallas_Inspection_normalized	Latitude	real	4	24	0	1
16	stg_Dallas_Inspection_normalized	Longitude	real	4	24	0	1
17	stg_Dallas_Inspection_normalized	Inspection_Month_new	varchar	8	0	0	1
18	stg_Dallas_Inspection_normalized	Inspection_Month_Year_new	int	4	10	0	1
19	stg_Dallas_Inspection_normalized	Inspection_Year_new	int	4	10	0	1
20	stg_Dallas_Inspection_normalized	Violation_Code	int	4	10	0	1
21	stg_Dallas_Inspection_normalized	Violation_Description	varchar	4000	0	0	1
22	stg_Dallas_Inspection_normalized	Inspection_Comments	varchar	4000	0	0	1
23	stg_Dallas_Inspection_normalized	Violation_Score	int	4	10	0	1
24	stg_Dallas_Inspection_normalized	Inspection_Result	varchar	30	0	0	1
25	stg_Dallas_Inspection_normalized	DI_CreateDate	datetime	8	23	3	1
26	stg_Dallas_Inspection_normalized	DI_WorkflowName	varchar	50	0	0	1

(No column name)

1 78400

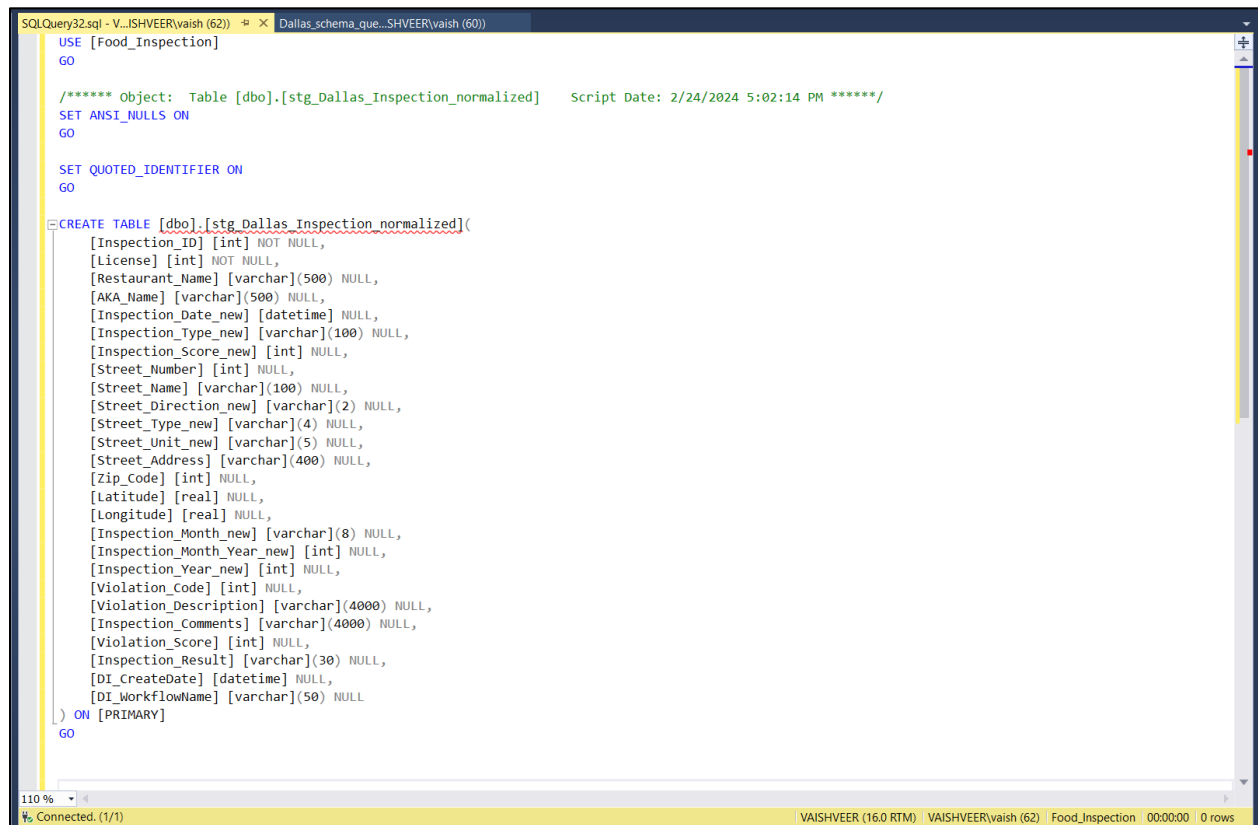
SchemaName

1 dbo

Query executed successfully.

VAISHVEER (16.0 RTM) | VAISHVEER\vaish (60) | Food_Inspection | 00:00:00 | 1 rows

Create Script



```
SQLQuery32.sql - V...ISHVEER\vaish (62)  X Dallas_schema_que...SHVEER\vaish (60)
USE [Food_Inspection]
GO

/***** Object: Table [dbo].[stg_Dallas_Inspection_normalized]    Script Date: 2/24/2024 5:02:14 PM *****/
SET ANSI_NULLS ON
GO

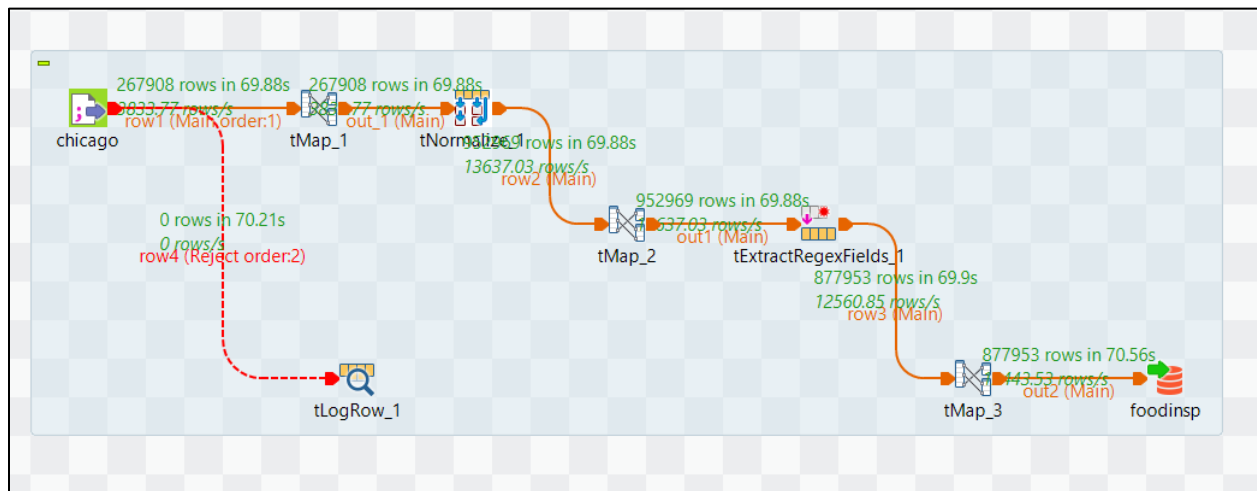
SET QUOTED_IDENTIFIER ON
GO

CREATE TABLE [dbo].[stg_Dallas_Inspection_normalized](
    [Inspection_ID] [int] NOT NULL,
    [License] [int] NOT NULL,
    [Restaurant_Name] [varchar](500) NULL,
    [AKA_Name] [varchar](500) NULL,
    [Inspection_Date_new] [datetime] NULL,
    [Inspection_Type_new] [varchar](100) NULL,
    [Inspection_Score_new] [int] NULL,
    [Street_Number] [int] NULL,
    [Street_Name] [varchar](100) NULL,
    [Street_Direction_new] [varchar](2) NULL,
    [Street_Type_new] [varchar](4) NULL,
    [Street_Unit_new] [varchar](5) NULL,
    [Street_Address] [varchar](400) NULL,
    [Zip_Code] [int] NULL,
    [Latitude] [real] NULL,
    [Longitude] [real] NULL,
    [Inspection_Month_new] [varchar](8) NULL,
    [Inspection_Month_Year_new] [int] NULL,
    [Inspection_Year_new] [int] NULL,
    [Violation_Code] [int] NULL,
    [Violation_Description] [varchar](4000) NULL,
    [Inspection_Comments] [varchar](4000) NULL,
    [Violation_Score] [int] NULL,
    [Inspection_Result] [varchar](30) NULL,
    [DI_CreateDate] [datetime] NULL,
    [DI_WorkflowName] [varchar](50) NULL
) ON [PRIMARY]
GO

110 %
% Connected. (1/1)
VAISHVEER (16.0 RTM)  VAISHVEER\vaish (62)  Food_Inspection  00:00:00  0 rows
```

Cleaned, Normalized, Datatype Converted Chicago Dataset(staged in SQL Server)

Talend Workflow Explanation:



In this workflow we have taken the input file in csv format and performed transformations in tMap1. In this tmap existing columns are loaded to represent the cleaned data, ie for example Inspection Date is checked for null values and converted to Date format. If any null values were encountered, we replaced it with '01/01/1990'. Similarly for any column of type string we have handled the null values by replacing with 'NA' and for any numeric column with null values we have replaced it with 0000.

This transformed data from the tmap is given as input to tNormalize1 where it separates the merged row for Violations into multiple rows based on delimiter '|'.

Now, the output of the tNormalize1 is given to a tMap2 to further split the multiple rows. This is then given to tExtractRegexFields_1 to split the multiple rows into respective columns for- Violation_Code, Violation_Description and Inspection_Comments. In tMap3, another column is added to get the Violation_Score based on the provided guidelines and then another new column Inspection_Results is created based off the calculations of Violation_Score.

Column to normalize: Violations	* Item separator: "\\ "
---------------------------------	-------------------------

Chicago Final Staged Table

SQLQuery6.sql - VA...SHVEER(vaish (64)) SQLQuery-SeattleP...SHVEER(vaish (60)) Dallas_schema_que...SHVEER(vaish (61))

```

SELECT TOP (1000) [Violation_Code]
,[Violation_Description]
,[Violation_Comments]
,[Inspection_ID]
,[DBA_Name]
,[AKA_Name]
,[License]
,[Facility_Type]
,[Risk]
,[Address]
,[City]
,[State]
,[Zip]
,[Inspection_Date]
,[Inspection_Type]
,[Results]
,[Latitude]
,[Longitude]
,[Location]
,[Violation_Score]
,[Risk_Score]

```

110 %

Results Messages

	Violation_Code	Violation_Description	Violation_Comments	Inspection_ID	DBA_Name	AKA_Name
1	55	PHYSICAL FACILITIES INSTALLED, MAINTAINED & CLEAN	6-501.114 NOTED HEAVY CLUTTER THROUGHOUT ESTABLISH...	2589808	LADYBUG & FRIEND'S DAYCARE	LADYBUG & FRIEND'S DAYCARE AND PRES...
2	55	PHYSICAL FACILITIES INSTALLED, MAINTAINED & CLEAN	OBSERVED DIRT AND DEBRIS INSIDE LIGHT SHIELD COVERS I...	2589779	NANDO'S PERI-PERI	NANDO'S PERI-PERI
3	49	NON-FOOD/FOOD CONTACT SURFACES CLEAN	4-601.11(C) OBSERVED BUILD OF DEBRIS IN COOLERS LOCAT...	2589762	MANOLOS TAMALES 4	MANOLOS TAMALES
4	10	ADEQUATE HANDWASHING SINKS PROPERLY SUPPLIED AND...	OBSERVED MISSING HANDWASH SIGNAGE ON EIGHTEENTH F...	2589743	LA SERRE/BAR LA RUE	LA SERRE/BAR LA RUE
5	16	FOOD-CONTACT SURFACES: CLEANED & SANITIZED	MUST CLEAN AND MAINTAIN THE INTERIOR OF THE ICE MACH...	2589719	NICKY'S CHINESE FOOD	NICKY'S CHINESE FOOD
6	49	NON-FOOD/FOOD CONTACT SURFACES CLEAN	PREP TABLES IN THE KITCHEN IN NEED OF CLEANING ALONG...	2589719	NICKY'S CHINESE FOOD	NICKY'S CHINESE FOOD
7	53	TOILET FACILITIES: PROPERLY CONSTRUCTED, SUPPLIED, &...	OBSERVED THE FIXTURES IN THE WASHROOM DIRTY. MUST ...	2589719	NICKY'S CHINESE FOOD	NICKY'S CHINESE FOOD
8	55	PHYSICAL FACILITIES INSTALLED, MAINTAINED & CLEAN	OBSERVED THE FLOORS THROUGH OUT AND THE CEILING A...	2589719	NICKY'S CHINESE FOOD	NICKY'S CHINESE FOOD
9	56	ADEQUATE VENTILATION & LIGHTING, DESIGNATED AREAS U...	MUST CLEAN THE FILTERS AND HOOD ABOVE THE COOKING ...	2589719	NICKY'S CHINESE FOOD	NICKY'S CHINESE FOOD
10	58	ALLERGEN TRAINING AS REQUIRED	OBSERVED CERTIFIED MANAGER ALLERGEN TRAINING CERT...	2589719	NICKY'S CHINESE FOOD	NICKY'S CHINESE FOOD
11	58	ALLERGEN TRAINING AS REQUIRED	OBSERVED NO ALLERGEN TRAINING ON SITE FOR CERTIFIED ...	2589669	CUBANITO EXPRES	CUBANITO EXPRES
12	10	ADEQUATE HANDWASHING SINKS PROPERLY SUPPLIED AND...	OBSERVED BOYS TOILET ROOM (2ND FLOOR) WITH PAPER T...	2589646	Ellington Elementary School	Ellington Elementary School
13	49	NON-FOOD/FOOD CONTACT SURFACES CLEAN	OBSERVED RESIDUE ON THE BOTTOM OF TWO-DOOR REACH...	2589639	CHIPOTLE MEXICAN GRILL #3651	CHIPOTLE
14	40	PERSONAL CLEANLINESS	OBSERVED EMPLOYEES IN FRONT PREPARATION AREA PREP...	2589627	KLEIN'S BAKERY & CAFE II	KLEIN'S BAKERY & CAFE II
15	55	PHYSICAL FACILITIES INSTALLED, MAINTAINED & CLEAN	OBSERVED DUST BUILD UP ON CEILING VENTILATION VENTS I...	2589627	KLEIN'S BAKERY & CAFE II	KLEIN'S BAKERY & CAFE II
16	37	FOOD PROPERLY LABELED; ORIGINAL CONTAINER	ALL BULK FOOD CONTAINERS MUST BE LABELED WITH THE P...	2589522	POPEYE'S #832	POPEYE'S
17	49	NON-FOOD/FOOD CONTACT SURFACES CLEAN	MUST NOT USE CARDBOARD AS LINER FOR EQUIPMENT AT T...	2589522	POPEYE'S #832	POPEYE'S
18	49	NON-FOOD/FOOD CONTACT SURFACES CLEAN	PLASTIC TO GO CONDIMENT CONTAINERS NOTED DIRTY WITH...	2589522	POPEYE'S #832	POPEYE'S
19	56	ADEQUATE VENTILATION & LIGHTING, DESIGNATED AREAS U...	EMPLOYEES MUST NOT STORE PERSONAL BELONGINGS IN F...	2589627	KLEIN'S BAKERY & CAFE II	KLEIN'S BAKERY & CAFE II
20	8	HANDS CLEAN & PROPERLY WASHED	OBSERVED EMPLOYEE UTILIZING GLOVES TO HANDLE RAW S...	2589618	TOP VIEW RESTAURANT	TOP VIEW RESTAURANT
21	49	NON-FOOD/FOOD CONTACT SURFACES CLEAN	OBSERVED EMPLOYEE UTILIZING GLOVES TO HANDLE RAW S...	2589618	TOP VIEW RESTAURANT	TOP VIEW RESTAURANT

Query executed successfully. VAISHVEER (16.0 RTM) | VAISHVEER(vaish (64)) | Food_Inspection | 00:00:00 | 1,000 rows

	TableName	ColumnName	DataType	Size	Precision	Scale	IsNullable	IsIdentity
1	stg_Chicago_Inspection_normalized	Violation_Code	varchar	10	0	0	1	0
2	stg_Chicago_Inspection_normalized	Violation_Description	varchar	8000	0	0	1	0
3	stg_Chicago_Inspection_normalized	Violation_Comments	varchar	6000	0	0	1	0
4	stg_Chicago_Inspection_normalized	Inspection_ID	int	4	10	0	1	0
5	stg_Chicago_Inspection_normalized	DBA_Name	varchar	100	0	0	1	0
6	stg_Chicago_Inspection_normalized	AKA_Name	varchar	100	0	0	1	0
7	stg_Chicago_Inspection_normalized	License	int	4	10	0	1	0
8	stg_Chicago_Inspection_normalized	Facility_Type	varchar	100	0	0	1	0
9	stg_Chicago_Inspection_normalized	Risk	varchar	15	0	0	1	0
10	stg_Chicago_Inspection_normalized	Address	varchar	100	0	0	1	0
11	stg_Chicago_Inspection_normalized	City	varchar	50	0	0	1	0
12	stg_Chicago_Inspection_normalized	State	varchar	50	0	0	1	0
13	stg_Chicago_Inspection_normalized	Zip	int	4	10	0	1	0
14	stg_Chicago_Inspection_normalized	Inspection_Date	datetime	8	23	3	1	0
15	stg_Chicago_Inspection_normalized	Inspection_Type	varchar	50	0	0	1	0
16	stg_Chicago_Inspection_normalized	Results	varchar	50	0	0	1	0
17	stg_Chicago_Inspection_normalized	Latitude	real	4	24	0	1	0
18	stg_Chicago_Inspection_normalized	Longitude	real	4	24	0	1	0
19	stg_Chicago_Inspection_normalized	Location	varchar	40	0	0	1	0
20	stg_Chicago_Inspection_normalized	Violation_Score	int	4	10	0	1	0
21	stg_Chicago_Inspection_normalized	Risk_Score	int	4	10	0	1	0
22	stg_Chicago_Inspection_normalized	Result_Score	int	4	10	0	1	0
23	stg_Chicago_Inspection_normalized	Total_Violation_Score	int	4	10	0	1	0
24	stg_Chicago_Inspection_normalized	Inspection_Result	varchar	50	0	0	1	0
25	stg_Chicago_Inspection_normalized	DI_WorkflowFileName	varchar	255	0	0	1	0
26	stg_Chicago_Inspection_normalized	DI_CreatedDate	datetime	8	23	3	1	0

SchemaName

1 dbo

Query executed successfully. VAISHVEER (16.0 RTM) | VAISHVEER(vaish (64)) | Food_Inspection | 00:00:00 | 27 rows

Create Script

```
Chicago_final_crea...ISHVEER\vaish (64)  SQLQuery-SeattleP...SHVEER\vaish (60)  Dallas_schema_que...SHVEER\vaish (61)
USE [Food_Inspection]
GO

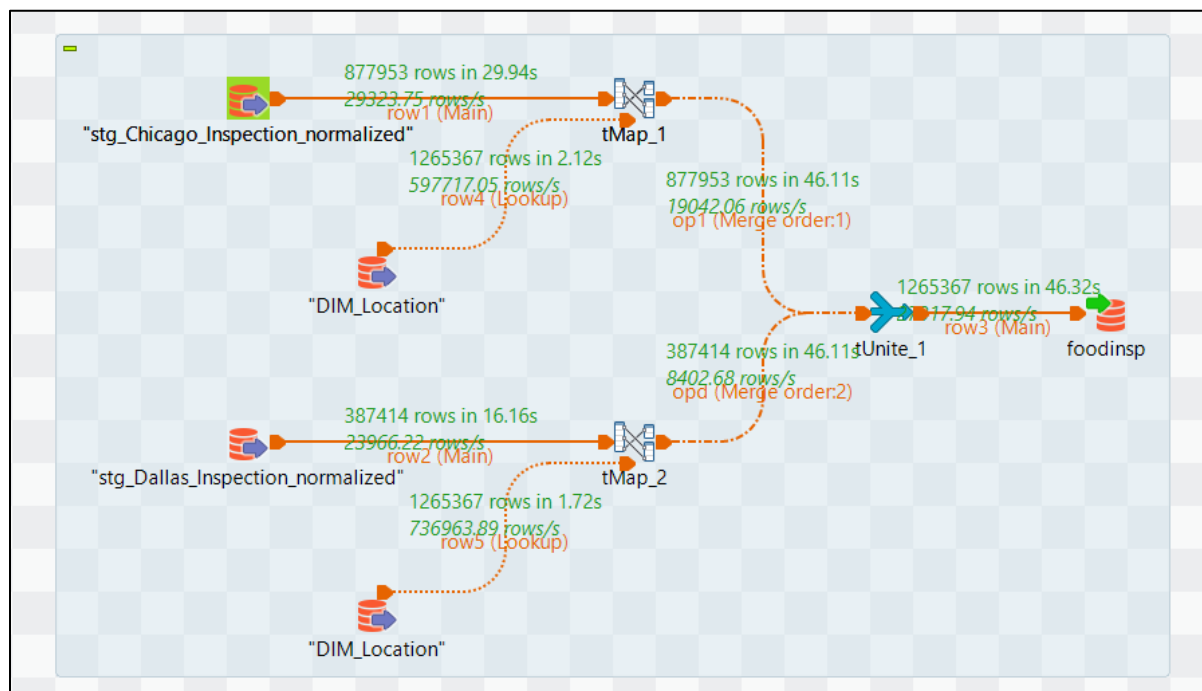
/***** Object: Table [dbo].[stg_Chicago_Inspection_normalized]    Script Date: 2/23/2024 8:57:01 PM *****/
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GO

SET QUOTED_IDENTIFIER ON
GO

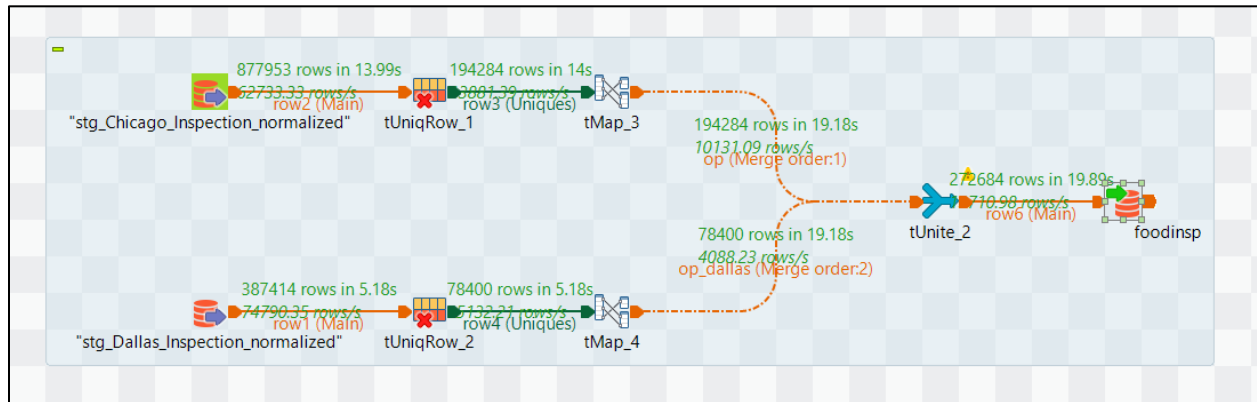
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    [DI_CreatedDate] [datetime] NULL
) ON [PRIMARY]
GO
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110 %
% Connected. (1/1) VAISHVEER (16.0 RTM) VAISHVEER\vaish (64) Food_Inspection 00:00:00 0 rows

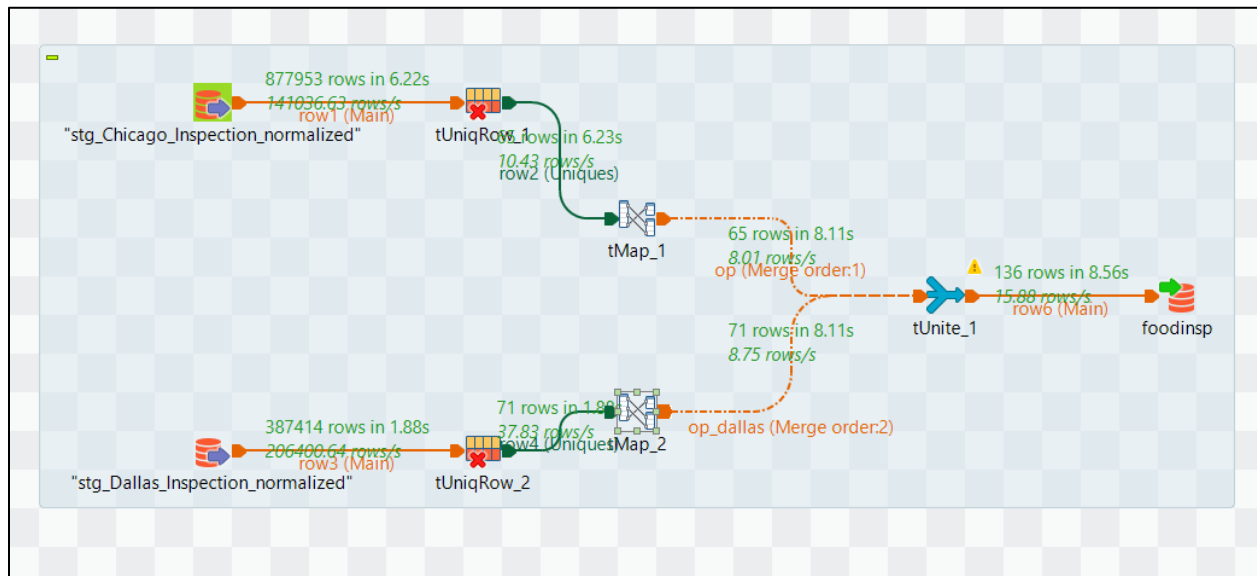
DIM_Facility



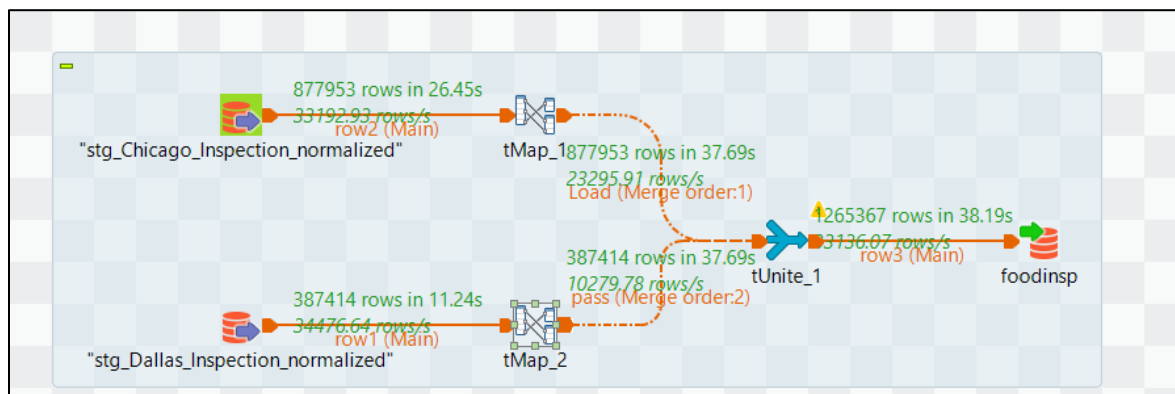
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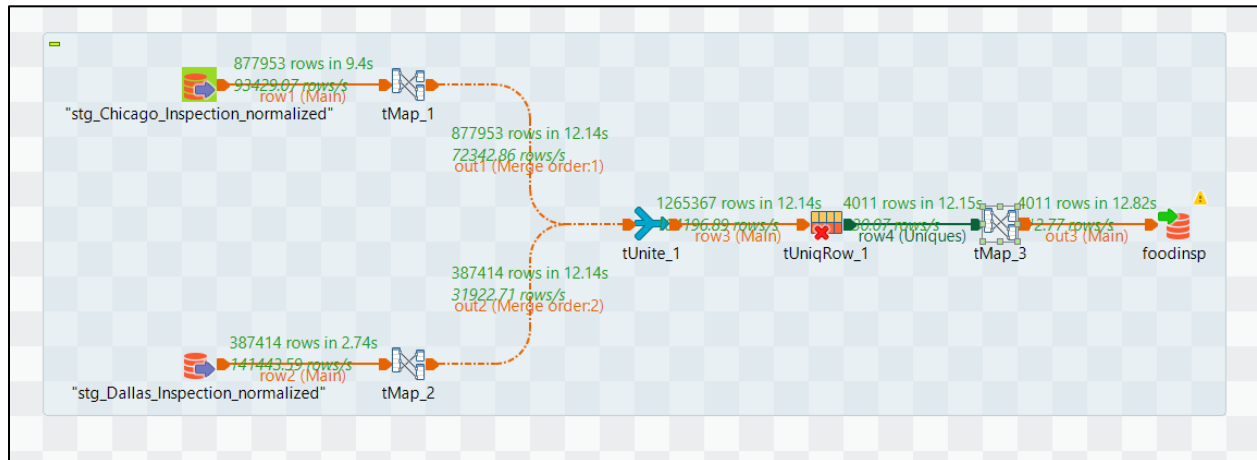
DIM Violation



DIM Location



DIM_Date



FACT_Inspection

