

Dallas Food Inspection

(Part 3)

Submitted by

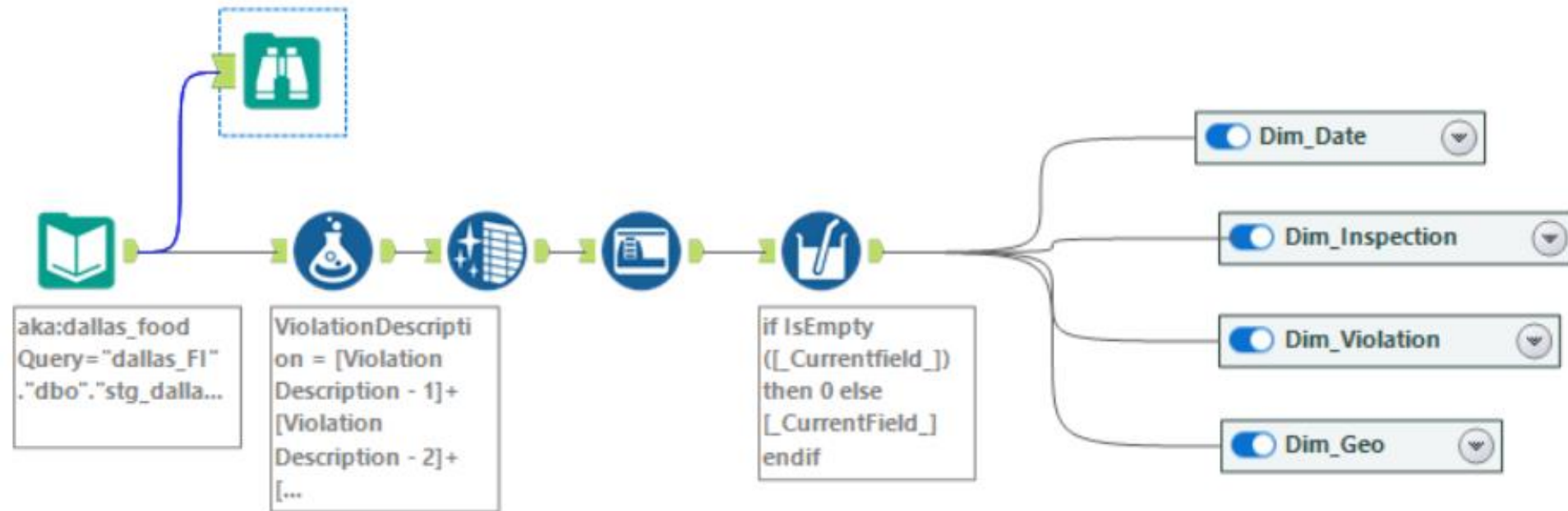
Aditya Kanala 002914764

Sameer Nimse 002752914

Yamini Manral 002703881

Ankita Patil 002792576

Stage tables with all dimension tables

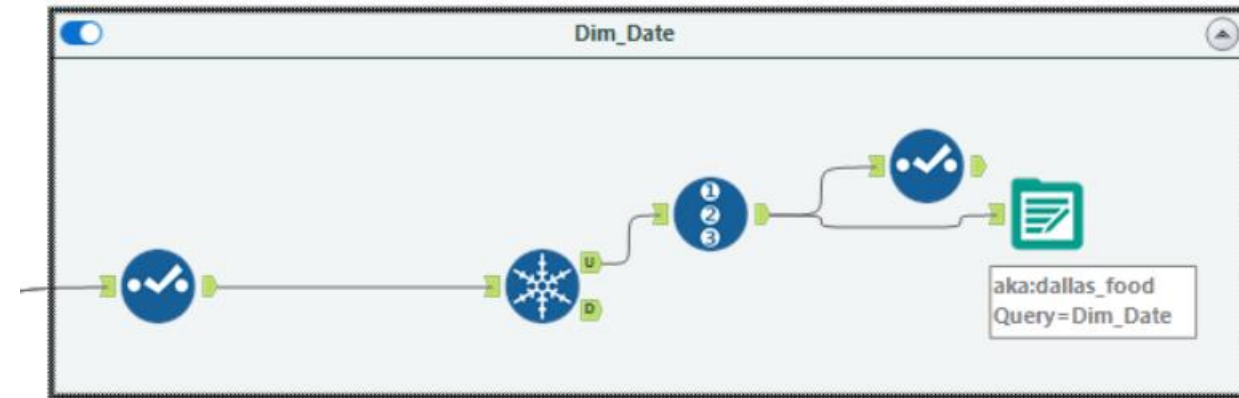


Dim_Date

110 %

Results Messages

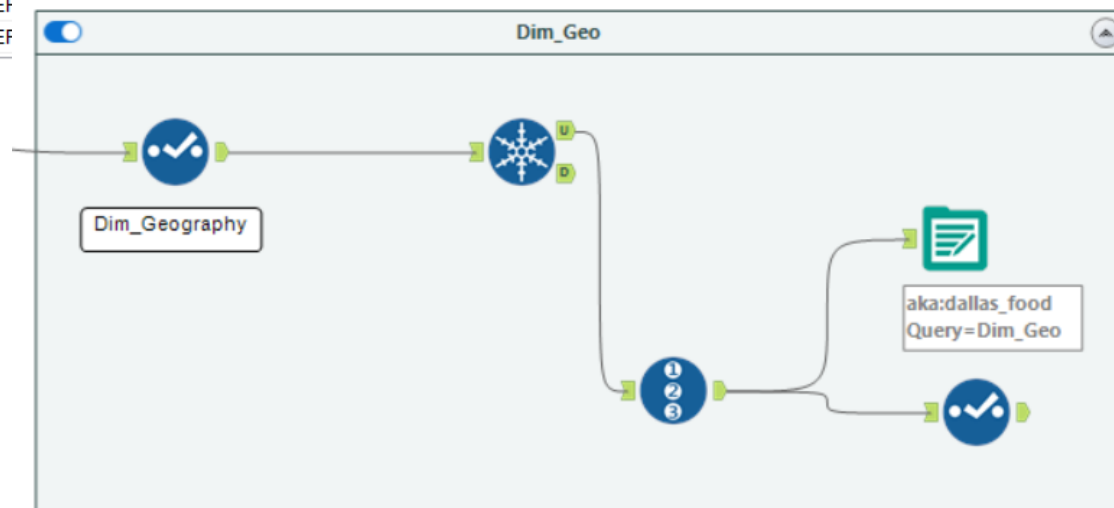
	DateSK	InspectionDate	InspectionMonth	InspectionYear	DI_CreateDate	DI_WorkflowFileName
1	1	2016-10-03	Oct 2016	FY2017	2023-07-25 15:54:49.000	Dallas_stg.yxmd
2	2	2016-10-03	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
3	3	2016-10-04	Oct 2016	FY2017	2023-07-25 15:54:49.000	Dallas_stg.yxmd
4	4	2016-10-04	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
5	5	2016-10-05	Oct 2016	FY2017	2023-07-25 15:54:49.000	Dallas_stg.yxmd
6	6	2016-10-05	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
7	7	2016-10-06	Oct 2016	FY2017	2023-07-25 15:54:49.000	Dallas_stg.yxmd
8	8	2016-10-06	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
9	9	2016-10-07	Oct 2016	FY2017	2023-07-25 15:54:49.000	Dallas_stg.yxmd
10	10	2016-10-07	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
11	11	2016-10-10	Oct 2016	FY2017	2023-07-25 15:54:49.000	Dallas_stg.yxmd
12	12	2016-10-10	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
13	13	2016-10-11	Oct 2016	FY2017	2023-07-25 15:54:49.000	Dallas_stg.yxmd
14	14	2016-10-11	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
15	15	2016-10-12	Oct 2016	FY2017	2023-07-25 15:54:49.000	Dallas_stg.yxmd
16	16	2016-10-12	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
17	17	2016-10-13	Oct 2016	FY2017	2023-07-25 15:54:49.000	Dallas_stg.yxmd
18	18	2016-10-13	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
19	19	2016-10-14	Oct 2016	FY2017	2023-07-25 15:54:49.000	Dallas_stg.yxmd
20	20	2016-10-14	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
21	21	2016-10-15	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
22	22	2016-10-16	Oct 2016	FY2017	2023-07-25 15:54:50.000	Dallas_stg.yxmd
23	23	2016-10-17	Oct 2016	FY2017	2023-07-25 15:54:49.000	Dallas_stg.yxmd



Dim_Geo

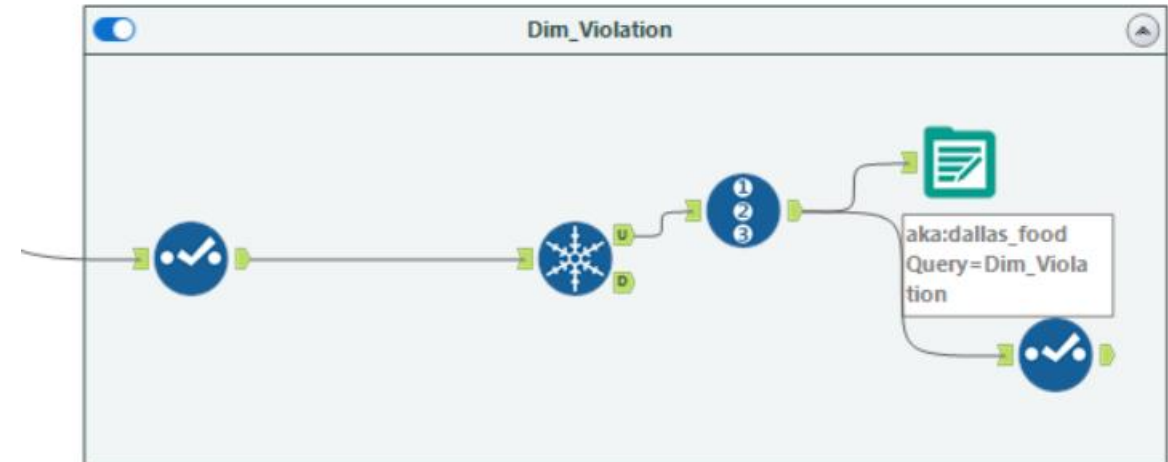
Results Messages

	GeoSK	StreetNumber	StreetUnit	StreetName	StreetDirection	StreetType	StreetAddress	ZipCode	LatLongLocation	Latitude	Longitude	DI_CreateDate	DI_WorkflowFileName
1	239	200	#40	CRESCENT		CT	200 CRESCENT CT #40	75201	200 CRESCENT CT #40 (32.793886, -96.804201)	32.793886	-96.804201	2023-07-25 15:54:50.000	Dallas_stg.yxmd
2	240	200	#40	CRESCENT		CT	200 CRESCENT CT #40	75201	200 CRESCENT CT #40 (32.7941, -96.80367)	32.7941	-96.80367	2023-07-25 15:54:50.000	Dallas_stg.yxmd
3	241	200	#40	CRESCENT		CT	200 CRESCENT CT #40	75201	200 CRESCENT CT #40 (35.459601, -81.25608)	35.459601	-81.25608	2023-07-25 15:54:49.000	Dallas_stg.yxmd
4	242	200	#50-B	CRESCENT		CT	200 CRESCENT CT #50-B	75201	200 CRESCENT CT #50-B (37.096759, -76.436467)	37.096759	-76.436467	2023-07-25 15:54:49.000	Dallas_stg.yxmd
5	243	200	#50-B	CRESCENT		CT	200 CRESCENT CT #50-B	75201	200 CRESCENT CT #50-B (37.096759, -76.436467)	37.096759	-76.436467	2023-07-25 15:54:50.000	Dallas_stg.yxmd
6	244	200	#50-B	CRESCENT		CT	200 CRESCENT CT #50-B	75201	200 CRESCENT CT #50-B (40.709816, -80.142652)	40.709816	-80.142652	2023-07-25 15:54:49.000	Dallas_stg.yxmd
7	245	200		SHORT		BLVD	200 SHORT BLVD	75232	200 SHORT BLVD (32.685839, -96.824371)	32.685839	-96.824371	2023-07-25 15:54:49.000	Dallas_stg.yxmd
8	246	200		SHORT		BLVD	200 SHORT BLVD	75232	200 SHORT BLVD (32.685839, -96.824371)	32.685839	-96.824371	2023-07-25 15:54:50.000	Dallas_stg.yxmd
9	247	201		ADAMS	N	AVE	201 N ADAMS AVE	75208	201 N ADAMS AVE			2023-07-25 15:54:50.000	Dallas_stg.yxmd
10	248	201		ADAMS	N	AVE	201 N ADAMS AVE	75208	201 N ADAMS AVE (42.300915, -89.618748)	42.300915	-89.618748	2023-07-25 15:54:49.000	Dallas_stg.yxmd
11	249	201		ADAMS	N	AVE	201 N ADAMS AVE	75208	201 N ADAMS AVE (44.67185, -90.19011)	44.67185	-90.19011	2023-07-25 15:54:50.000	Dallas_stg.yxmd
12	250	201		JEFFERSON	W	BLVD	201 W JEFFERSON BLVD	75208	201 W JEFFERSON BLVD (32.743159, -96.824845)	32.743159	-96.824845	2023-07-25 15:54:49.000	Dallas_stg.yxmd
13	251	201		JEFFERSON	W	BLVD	201 W JEFFERSON BLVD	75208	201 W JEFFERSON BLVD (32.743159, -96.824845)	32.743159	-96.824845	2023-07-25 15:54:50.000	Dallas_stg.yxmd
14	252	201		JEFFERSON	W	BLVD	201 W JEFFERSON BLVD	75208	201 W JEFFERSON BLVD (32.74319, -96.82481)	32.74319	-96.82481	2023-07-25 15:54:50.000	Dallas_stg.yxmd
15	253	203		JEFFERSON	W	BLVD	203 W JEFFERSON BLVD	75208	203 W JEFFEF				
16	254	203		JEFFERSON	W	BLVD	203 W JEFFERSON BLVD	75208	203 W JEFFEF				



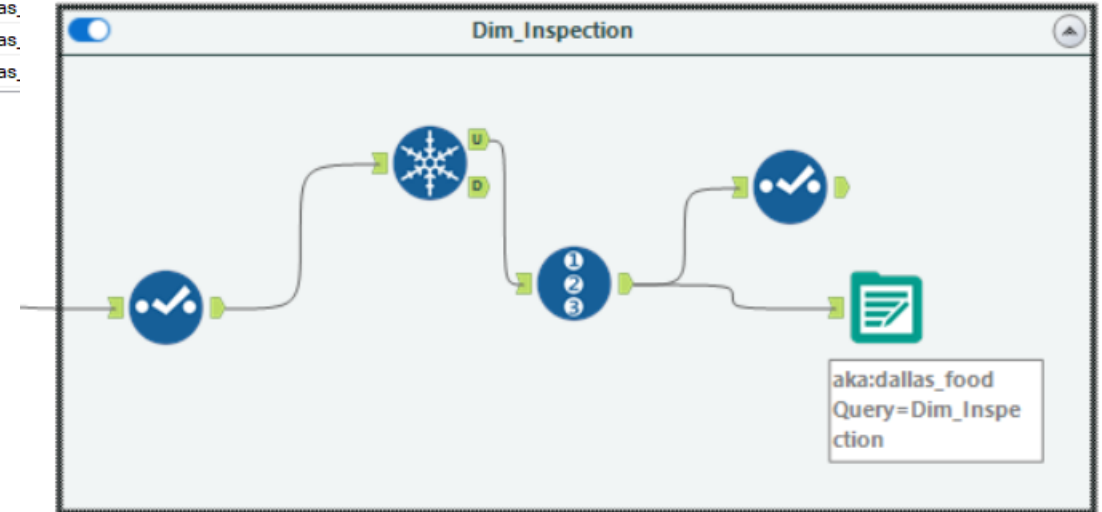
Dim_Violation

Results		Messages					
	ViolationSK	ViolationDescription	ViolationPoints	ViolationDetail	ViolationMemo	DI_CreateDate	DI_WorkflowFileName
1	1		0			2023-07-25 15:54:49.000	Dallas_stg.yxmd
2	2	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...		2023-07-25 15:54:49.000	Dallas_stg.yxmd
3	3	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	EXPIRE RFSM	2023-07-25 15:54:49.000	Dallas_stg.yxmd
4	4	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	EXPIRED CITY OF DALLAS RFSM	2023-07-25 15:54:49.000	Dallas_stg.yxmd
5	5	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	EXPIRED ON 01/08/2021	2023-07-25 15:54:49.000	Dallas_stg.yxmd
6	6	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	EXPIRED RFSM	2023-07-25 15:54:49.000	Dallas_stg.yxmd
7	7	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	EXPIRED RFSM FROM CITY	2023-07-25 15:54:49.000	Dallas_stg.yxmd
8	8	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	MANAGER ON SITE WITH NO CITY OF DALLAS BLUE RFSM	2023-07-25 15:54:49.000	Dallas_stg.yxmd
9	9	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	Must obtain RFSM within 45 days	2023-07-25 15:54:49.000	Dallas_stg.yxmd
10	10	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	NO CITY OF DALLAS RFSM	2023-07-25 15:54:49.000	Dallas_stg.yxmd
11	11	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	NO MANAGER ON SITE DURING OPERATION	2023-07-25 15:54:49.000	Dallas_stg.yxmd
12	35877	*47 Other Violations	0		Keep mop off floor	2023-07-25 15:54:49.000	Dallas_stg.yxmd
13	12	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	NO RFSM	2023-07-25 15:54:49.000	Dallas_stg.yxmd
14	13	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	NO RFSM CERTIFICATE WITH PIC	2023-07-25 15:54:49.000	Dallas_stg.yxmd
15	14	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	NO RFSM FOR MANAGER ONSITE	2023-07-25 15:54:49.000	Dallas_stg.yxmd
16	15	* 21 RFSM notify 10 days & replacement in 45 days	0	Sec. 17-2.2(c)(2)(D) (c) Registered food service ...	NO RFSM PRESENTED	2023-07-25 15:54:49.000	Dallas_stg.yxmd

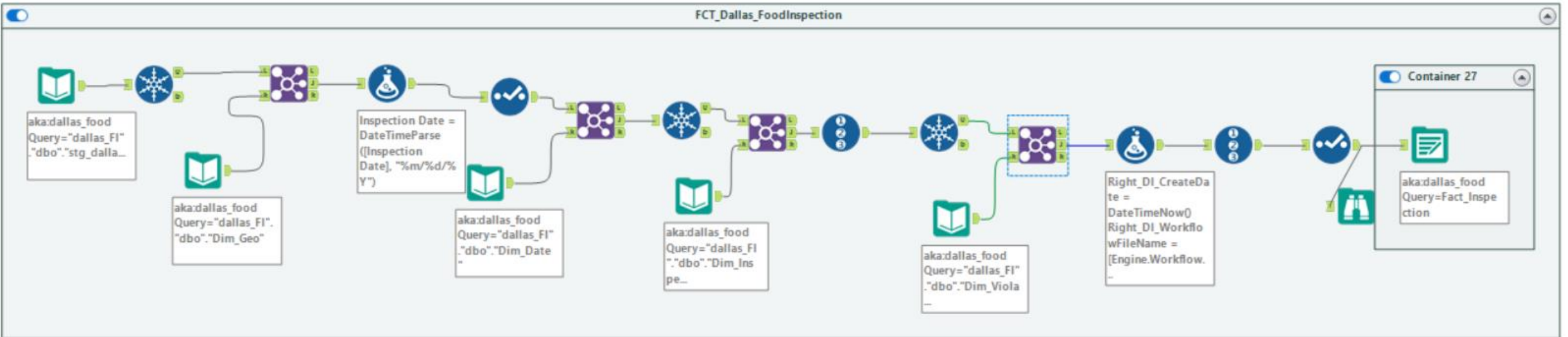


Dim_Inspection

Results		Messages				
	InspectionSK	Test	InspectionType	InspectionScore	DI_CreateDate	DI_WorkflowFileName
1	30306	LONE STAR WINGS	Routine	91	2023-07-25 15:54:50.000	Dallas_stg.yxmd
2	30307	LONE STAR WINGS	Routine	92	2023-07-25 15:54:49.000	Dallas_stg.yxmd
3	30308	LONESTAR CARE SUITES @ SIMPSON PLACE	Routine	83	2023-07-25 15:54:49.000	Dallas_stg.yxmd
4	30309	LONESTAR CARE SUITES @ SIMPSON PLACE	Routine	84	2023-07-25 15:54:49.000	Dallas_stg.yxmd
5	30310	LONESTAR CARE SUITES @ SIMPSON PLACE	Routine	85	2023-07-25 15:54:49.000	Dallas_stg.yxmd
6	30311	LONESTAR CARE SUITES @ SIMPSON PLACE	Routine	90	2023-07-25 15:54:49.000	Dallas_stg.yxmd
7	30312	LONESTAR CARE SUITES @ SIMPSON PLACE	Routine	91	2023-07-25 15:54:49.000	Dallas_stg.yxmd
8	30313	LONESTAR CARE SUITES @ SIMPSON PLACE	Routine	95	2023-07-25 15:54:50.000	Dallas_stg.yxmd
9	30314	LONESTAR CARE SUITES @ SIMPSON PLACE	Routine	96	2023-07-25 15:54:49.000	Dallas_stg.yxmd
10	30315	LONESTAR CARE SUITES @ SIMPSON PLACE	Routine	98	2023-07-25 15:54:50.000	Dallas_stg.yxmd
11	30316	LONESTAR CARE SUITES @ SIMPSON PLACE	Routine	99	2023-07-25 15:54:50.000	Dallas_stg.yxmd
12	30317	LONG JOHN SILVER'S	Routine	85	2023-07-25 15:54:49.000	Dallas_stg.yxmd
13	30318	LONG JOHN SILVER'S	Routine	86	2023-07-25 15:54:50.000	Dallas,
14	30319	LONG JOHN SILVER'S	Routine	90	2023-07-25 15:54:50.000	Dallas,
15	30320	LONG JOHN SILVER'S	Routine	92	2023-07-25 15:54:50.000	Dallas,
16	30321	LONG JOHN SILVER'S	Routine	93	2023-07-25 15:54:50.000	Dallas,



Fact_Inspection



Converting 100 cols of Violations to 4 cols through concatenation

The screenshot shows the 'Output Column' window with two columns defined:

- ViolationDes**: A V_WString column. The formula is a concatenation of 100 'Violation Description' columns, indexed from 1 to 25 (representing groups of 4 columns each). The data type is V_WString and the size is 1073741823.
- ViolationPair**: An Int64 column. The formula is a concatenation of 100 'Violation Points' columns, indexed from 1 to 25. The data type is Int64 and the size is 8.

The screenshot shows the 'Output Column' window with two columns defined:

- ViolationDet**: A V_WString column. The formula is a concatenation of 100 'Violation Detail' columns, indexed from 1 to 25. The data type is V_WString and the size is 1073741823.
- ViolationMer**: A V_WString column. The formula is a concatenation of 100 'Violation Memo' columns, indexed from 1 to 25. The data type is V_WString and the size is 1073741823.

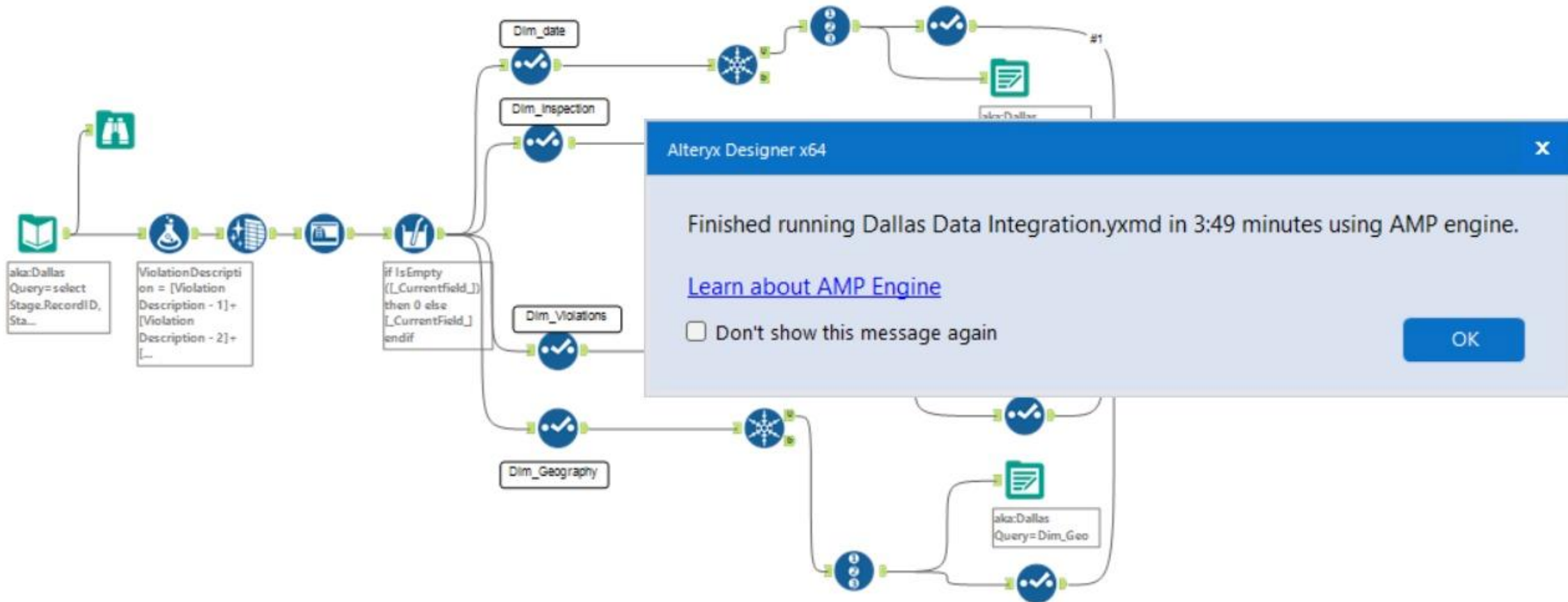
Handling Lat Long Location

Lat Long Location
3203 W CAMP WISDOM RD (32.662584, -96.873...
2380 N FIELD ST (32.78904, -96.806882)
9271 WHITE ROCK TRL (32.872855, -96.728807)
10295 FERGUSON RD (32.83427, -96.673672)
1474 ANNEX AVE (32.80208, -96.7769)
5555 S BUCKNER BLVD (32.793368, -96.685021)
8687 N CENTRAL EXPW #3000 (32.869358, -96.7...
2900 W WHEATLAND RD (32.647455, -96.866883)
2817 MAPLE AVE #110 (40.501132, -78.416087)
2222 MCKINNEY AVE #180 (32.793312, -96.80271)
3606 S WESTMORELAND RD (32.698502, -96.878...
8390 N STEMMONS FRWY #B (32.826072, -96.87...
1441 N BECKLEY AVE (32.616966, -96.823427)
9035 FOREST LN #101 (32.909214, -96.74781)
10220 TECHNOLOGY BLVD
6459 SCYENE RD (32.76345, -96.710303)
2625 ELM ST (41.927597, -87.851584)
108 N FITZHUGH AVE (32.800365, -96.769568)
7117 INWOOD RD (44.73903, -93.701484)
2945 N BUCKNER BLVD (32.809426, -96.684044)



Location	Latitude	Longitude	DI_CreatedDate
3203 W CAMP WISDOM RD	32.662584	-96.873446	2023-07-27 23:50:04
2380 N FIELD ST	32.78904	-96.806882	2023-07-27 23:50:04
9271 WHITE ROCK TRL	32.872855	-96.728807	2023-07-27 23:50:04
10295 FERGUSON RD	32.83427	-96.673672	2023-07-27 23:50:04
1474 ANNEX AVE	32.80208	-96.7769	2023-07-27 23:50:04
5555 S BUCKNER BLVD	32.793368	-96.685021	2023-07-27 23:50:04
8687 N CENTRAL EXPW #3000	32.869358	-96.770707	2023-07-27 23:50:04
2900 W WHEATLAND RD	32.647455	-96.866883	2023-07-27 23:50:04
2817 MAPLE AVE #110	40.501132	-78.416087	2023-07-27 23:50:04
2222 MCKINNEY AVE #180	32.793312	-96.80271	2023-07-27 23:50:04
3606 S WESTMORELAND RD	32.698502	-96.878455	2023-07-27 23:50:04
8390 N STEMMONS FRWY #B	32.826072	-96.871716	2023-07-27 23:50:04
1441 N BECKLEY AVE	32.616966	-96.823427	2023-07-27 23:50:04
9035 FOREST LN #101	32.909214	-96.74781	2023-07-27 23:50:04
10220 TECHNOLOGY BLVD	[Null]	[Null]	2023-07-27 23:50:04
6459 SCYENE RD	32.76345	-96.710303	2023-07-27 23:50:04
2625 ELM ST	41.927597	-87.851584	2023-07-27 23:50:04
108 N FITZHUGH AVE	32.800365	-96.769568	2023-07-27 23:50:04
7117 INWOOD RD	44.73903	-93.701484	2023-07-27 23:50:04
2945 N BUCKNER BLVD	32.809426	-96.684044	2023-07-27 23:50:04

Workflow using Multi Join



Row count for all dim tables

SQLQuery1.sql - LAP...nspection (sa (52))*

```
Select count( * )from dbo.Dim_Date;  
  
Select count( * )from dbo.Dim_Inspection;  
  
Select count( * )from dbo.Dim_Violation;  
  
Select count( * )from dbo.Dim_Geo;  
  
Select count( * )from dbo.Stage;  
  
Select count( * )from dbo.Fact_Inspection;
```

82 %

Results Messages

	(No column name)
1	3185

	(No column name)
1	57220

	(No column name)
1	64614

	(No column name)
1	22044

	(No column name)
1	73239

Row count for Fact tables

Results - Browse (57) - Input

7 of 7 Fields | Cell Viewer | 64,614 records displayed, 644 KB | Search

Data Metadata Actions

Record	FactInspectionSK	DateSK	InspectionSK	ViolationSK	GeoSK	DI_CreatedDate	DI_WorkflowFilename
1	1	1	1	1	1	2023-07-27 12:28:03	Dallas_stg.yxmd
2	2	2	2	2	2	2023-07-27 12:28:04	Dallas_stg.yxmd
3	3	3	3	3	3	2023-07-27 12:28:03	Dallas_stg.yxmd
4	4	4	4	4	4	2023-07-27 12:28:04	Dallas_stg.yxmd
5	5	5	5	5	5	2023-07-27 12:28:03	Dallas_stg.yxmd
6	6	6	6	6	6	2023-07-27 12:28:04	Dallas_stg.yxmd
7	7	7	7	7	7	2023-07-27 12:28:03	Dallas_stg.yxmd
8	8	8	8	8	8	2023-07-27 12:28:04	Dallas_stg.yxmd
9	9	9	9	9	9	2023-07-27 12:28:03	Dallas_stg.yxmd
10	10	10	10	10	10	2023-07-27 12:28:04	Dallas_stg.yxmd
11	11	11	11	11	11	2023-07-27 12:28:03	Dallas_stg.yxmd
12	12	12	12	12	12	2023-07-27 12:28:04	Dallas_stg.yxmd
13	13	13	13	13	13	2023-07-27 12:28:03	Dallas_stg.yxmd
14	14	14	14	14	14	2023-07-27 12:28:04	Dallas_stg.yxmd
15	15	15	15	15	15	2023-07-27 12:28:03	Dallas_stg.yxmd
16	16	16	16	16	16	2023-07-27 12:28:04	Dallas_stg.yxmd
17	17	17	17	17	17	2023-07-27 12:28:03	Dallas_stg.yxmd
18	18	18	18	18	18	2023-07-27 12:28:04	Dallas_stg.yxmd
19	19	19	19	19	19	2023-07-27 12:28:03	Dallas_stg.yxmd
20	20	20	20	20	20	2023-07-27 12:28:04	Dallas_stg.yxmd
21	21	21	21	21	21	2023-07-27 12:28:04	Dallas_stg.yxmd
22	22	22	22	22	22	2023-07-27 12:28:04	Dallas_stg.yxmd
23	23	23	23	23	23	2023-07-27 12:28:03	Dallas_stg.yxmd
24	24	24	24	24	24	2023-07-27 12:28:04	Dallas_stg.yxmd
25	25	25	25	25	25	2023-07-27 12:28:03	Dallas_stg.yxmd
26	26	26	26	26	26	2023-07-27 12:28:04	Dallas_stg.yxmd
27	27	27	27	27	27	2023-07-27 12:28:03	Dallas_stg.yxmd
28	28	28	28	28	28	2023-07-27 12:28:04	Dallas_stg.yxmd
29	29	29	29	29	29	2023-07-27 12:28:03	Dallas_stg.yxmd