

Part 2- Final Project Report

+ Staging to Integration (Talend ETL Job):

1. Date Dimension -

The screenshot displays the Talend ETL Job Designer interface for a job named 'Job Load Dim Date'. The job flow consists of three components: 'tRowGenerator_1', 'tMap_1', and 'MSSQL_server'. The 'tRowGenerator_1' component is configured to generate 10,000 rows in 0.67s. The 'tMap_1' component is configured to map the generated rows to the 'MSSQL_server' component, which is configured to load 10,000 rows in 0.95s. The job is configured to run on a context named 'Load_Dim_Date' and is set to run as a component.

The 'Job Load Dim Date' configuration panel shows the following details:

- Basic Run:** Run, Kill, Clear buttons.
- Execution Log:**

```
Starting job Load_Dim_Date at 17:38 07/04/2024.  
[statistics] connecting to socket on port 3459  
[statistics] connected  
[statistics] disconnected  
Job Load_Dim_Date ended at 17:38 07/04/2024. [Exit code = 0]
```

Count:-

The screenshot shows a SQL query window with the following query:

```
select Count(*) from Dim_Date
```

The query results are displayed in a table with the following data:

(No column name)
10000

2. Source Dimension -



Count:-

select Count(*) from Dim_Source

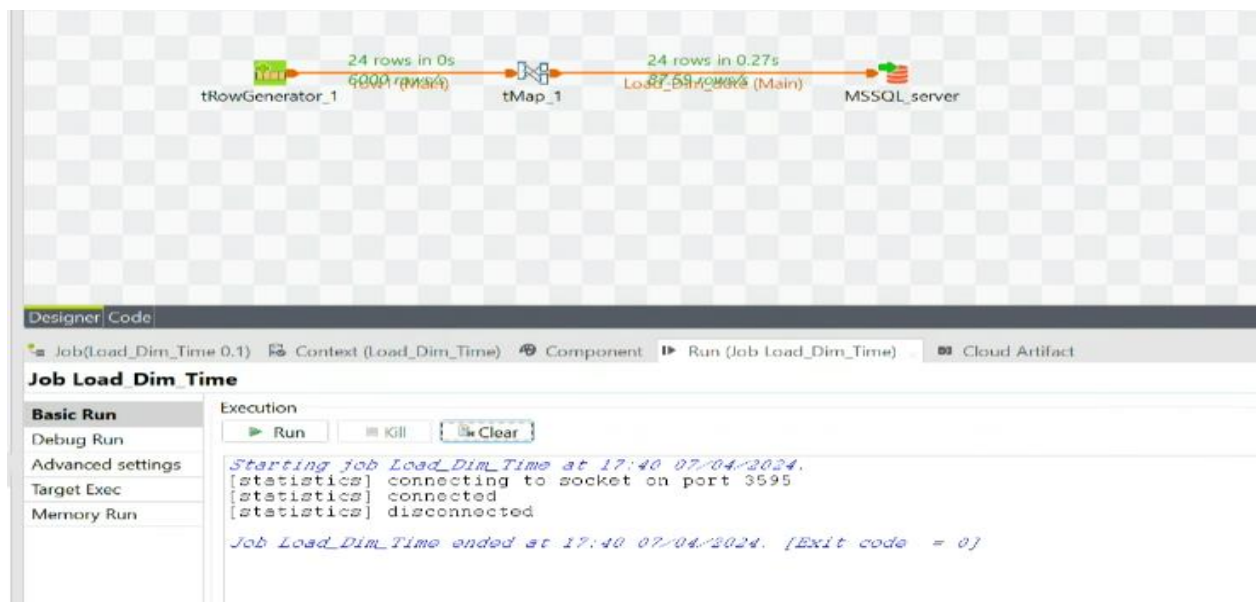
121 %

Results Messages

(No column name)

1	3
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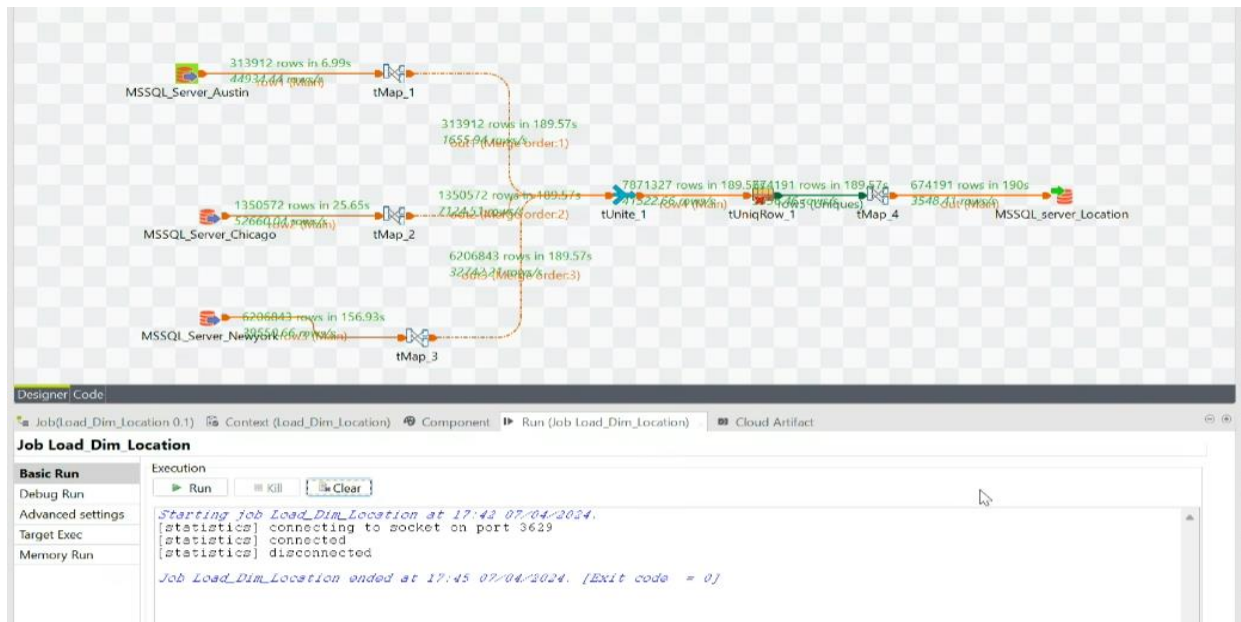
3. Time Dimension –



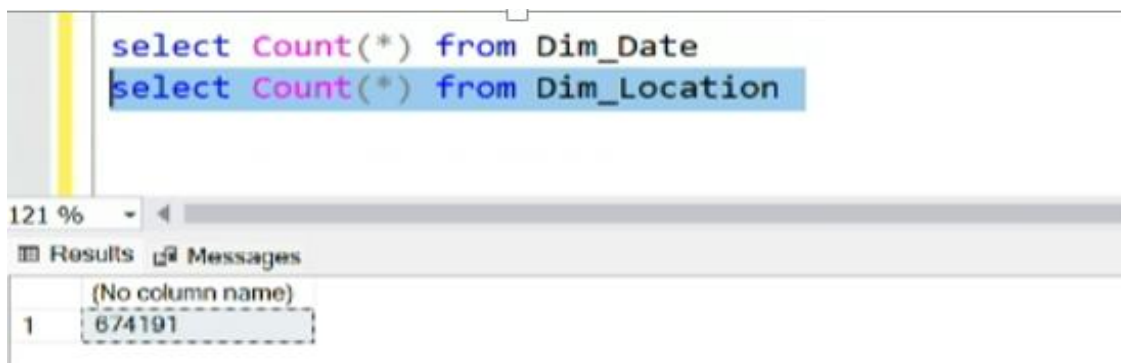
Count:-



4. Location Dimension –



Count:-



❖ Dimension Table Loading :-

```

select TOP 1000 * from Dim_Date
select TOP 1000 * from Dim_Location
select TOP 1000 * from Dim_Source
select TOP 1000 * from Dim_Time

```

Date_SK	Date	Year	Month	Day	Week	Quarter	Season	DI_JobID	DI_CreatedDate	DI_Workflow_Name
1	20120102	2012-01-02 00:00:00.000	2012	1	2	1	Winter	pDPow	2024-04-07 17:38:04.607	Load_Dim_Date_0.1
2	20120103	2012-01-03 00:00:00.000	2012	1	3	1	Winter	pDPow	2024-04-07 17:38:04.610	Load_Dim_Date_0.1
3	20120104	2012-01-04 00:00:00.000	2012	1	4	1	Winter	pDPow	2024-04-07 17:38:04.610	Load_Dim_Date_0.1
4	20120105	2012-01-05 00:00:00.000	2012	1	5	1	Winter	pDPow	2024-04-07 17:38:04.610	Load_Dim_Date_0.1
5	20120106	2012-01-06 00:00:00.000	2012	1	6	1	Winter	pDPow	2024-04-07 17:38:04.610	Load_Dim_Date_0.1
6	20120107	2012-01-07 00:00:00.000	2012	1	7	1	Winter	pDPow	2024-04-07 17:38:04.610	Load_Dim_Date_0.1
7	20120108	2012-01-08 00:00:00.000	2012	1	1	2	Winter	pDPow	2024-04-07 17:38:04.610	Load_Dim_Date_0.1
8	20120109	2012-01-09 00:00:00.000	2012	1	2	2	Winter	pDPow	2024-04-07 17:38:04.610	Load_Dim_Date_0.1

Location_SK	STREET_NAME	LATITUDE	LONGITUDE	DI_JobID	DI_CreatedDate	DI_Workflow_Name	SOURCE
1	IH0035	30.29358	-97.72046	UuJKew	2024-04-07 17:42:07.453	Load_Dim_Location_0.1	AUSTIN
2	US0290	30.23406	-97.86494	UuJKew	2024-04-07 17:42:07.457	Load_Dim_Location_0.1	AUSTIN
3	METRIC BLVD	30.30474	-97.7068	UuJKew	2024-04-07 17:42:07.457	Load_Dim_Location_0.1	AUSTIN
4	RESEARCH BLVD	30.41482	-97.74651	UuJKew	2024-04-07 17:42:07.460	Load_Dim_Location_0.1	AUSTIN
5	COMAL ST	30.25943	-97.72821	UuJKew	2024-04-07 17:42:07.460	Load_Dim_Location_0.1	AUSTIN
6	IH0035	30.31256	-97.70889	UuJKew	2024-04-07 17:42:07.460	Load_Dim_Location_0.1	AUSTIN
7	IH0035	30.187	-97.77248	UuJKew	2024-04-07 17:42:07.463	Load_Dim_Location_0.1	AUSTIN
8	IH0035	30.14681	-97.79409	UuJKew	2024-04-07 17:42:07.463	Load_Dim_Location_0.1	AUSTIN

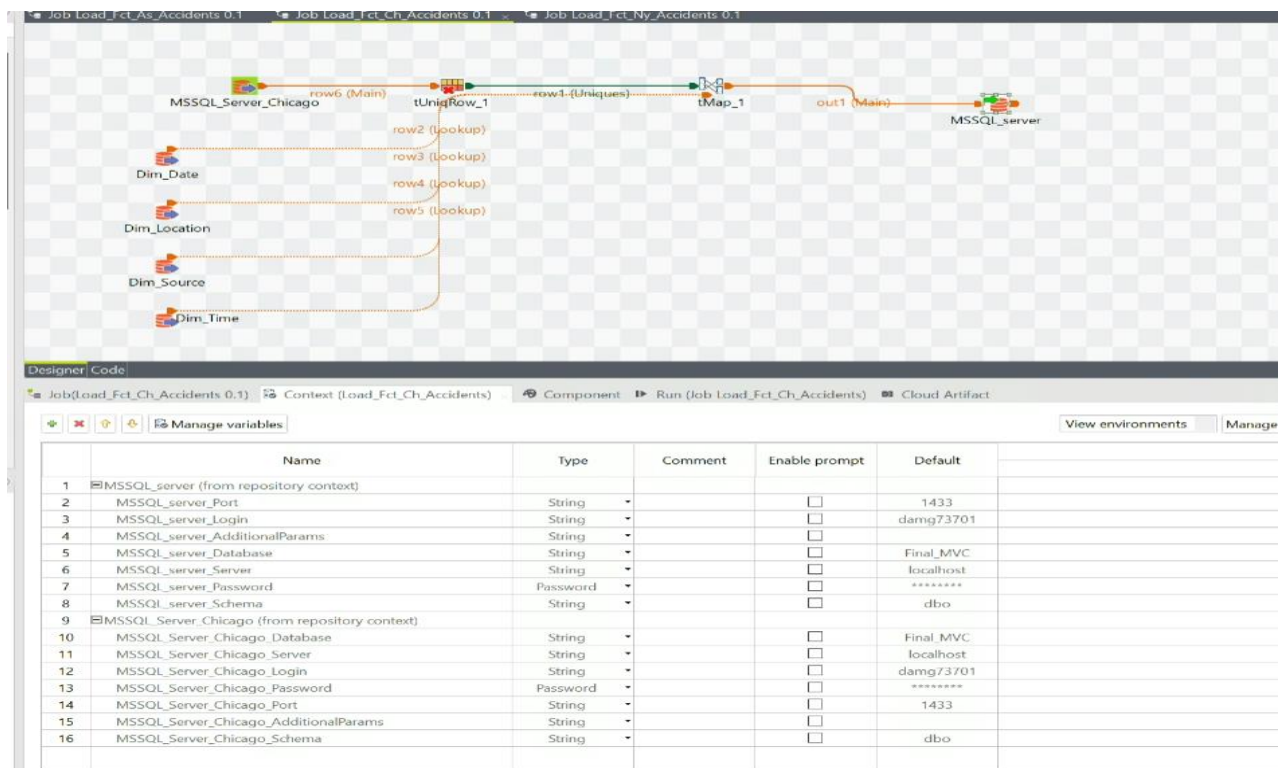
Source_SK	Source	DI_JobID	DI_CreatedDate	DI_Workflow_Name
1	CHICAGO	WYtID	2024-04-07 17:39:54.167	Load_Dim_Source_0.1
2	AUSTIN	WYtID	2024-04-07 17:39:54.167	Load_Dim_Source_0.1
3	NYC	WYtID	2024-04-07 17:39:54.167	Load_Dim_Source_0.1

Time_SK	Hour	DI_JobID	DI_CreatedDate	DI_Workflow_Name
1	0	AsBcRw	2024-04-07 17:40:51.957	Load_Dim_Time_0.1
2	1	AsBcRw	2024-04-07 17:40:51.957	Load_Dim_Time_0.1
3	2	AsBcRw	2024-04-07 17:40:51.957	Load_Dim_Time_0.1
4	3	AsBcRw	2024-04-07 17:40:51.957	Load_Dim_Time_0.1
5	4	AsBcRw	2024-04-07 17:40:51.957	Load_Dim_Time_0.1

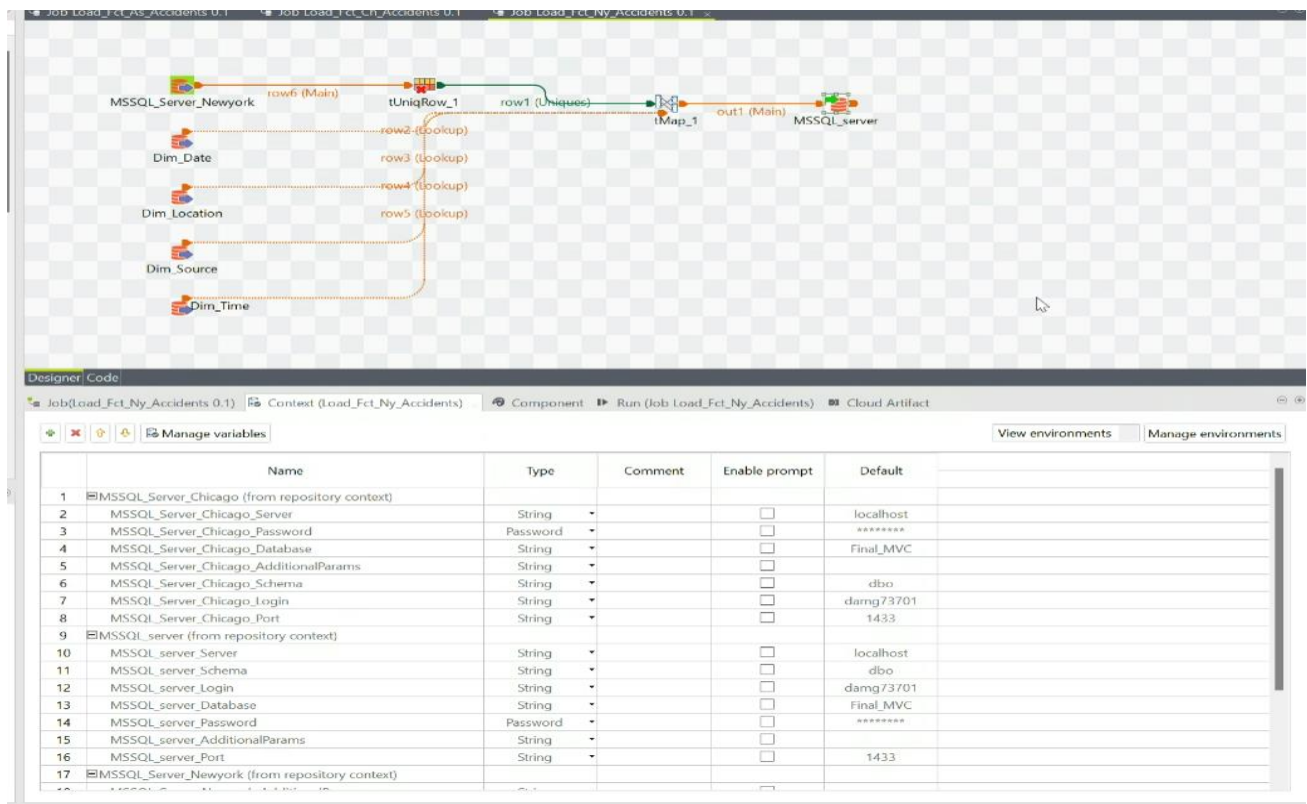
Query executed successfully.

localhost (15.0 RIM) APEXiyugal (62) Final_MVC 00:00:00 2,027 rows

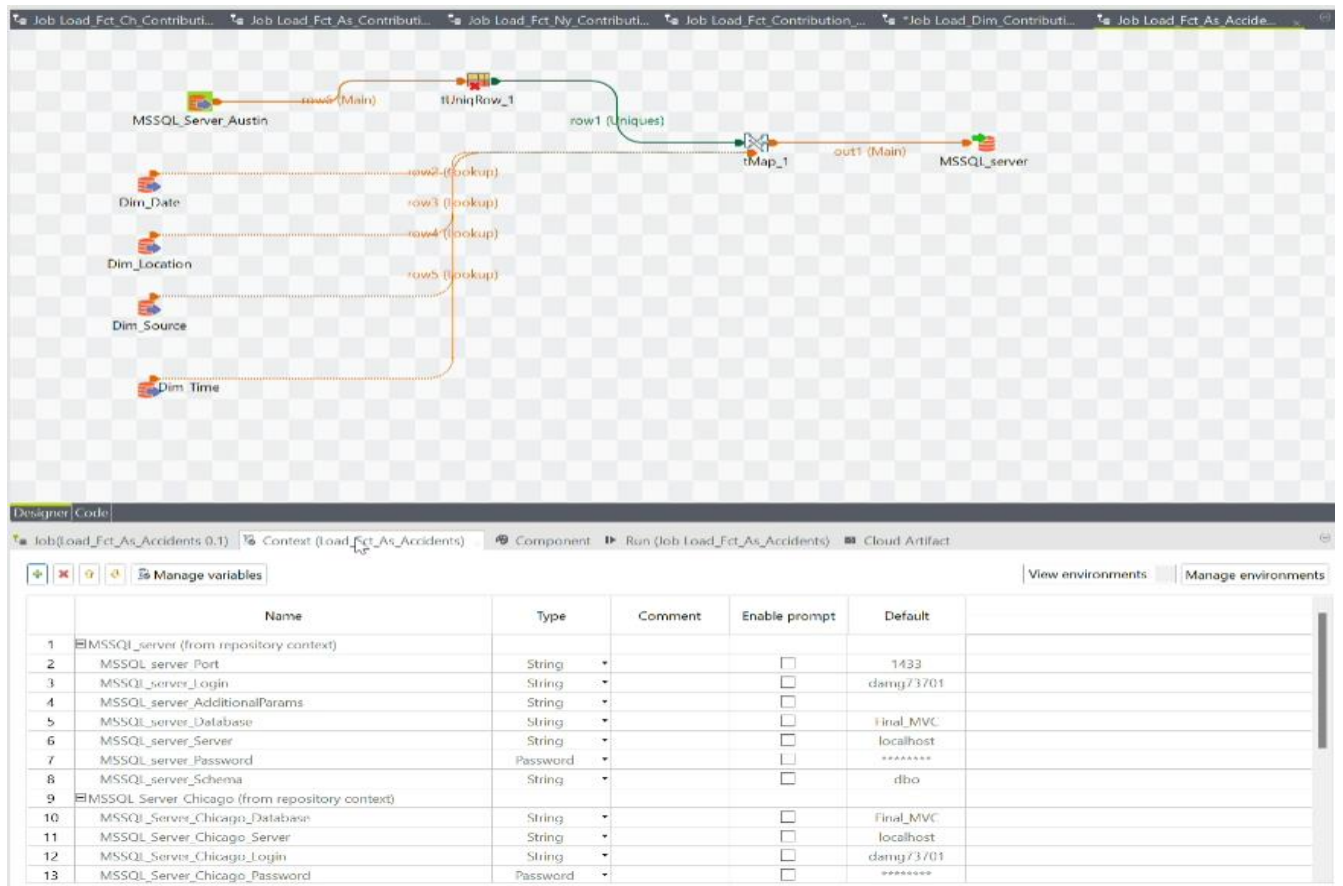
5. Accident Fact (Chicago) –



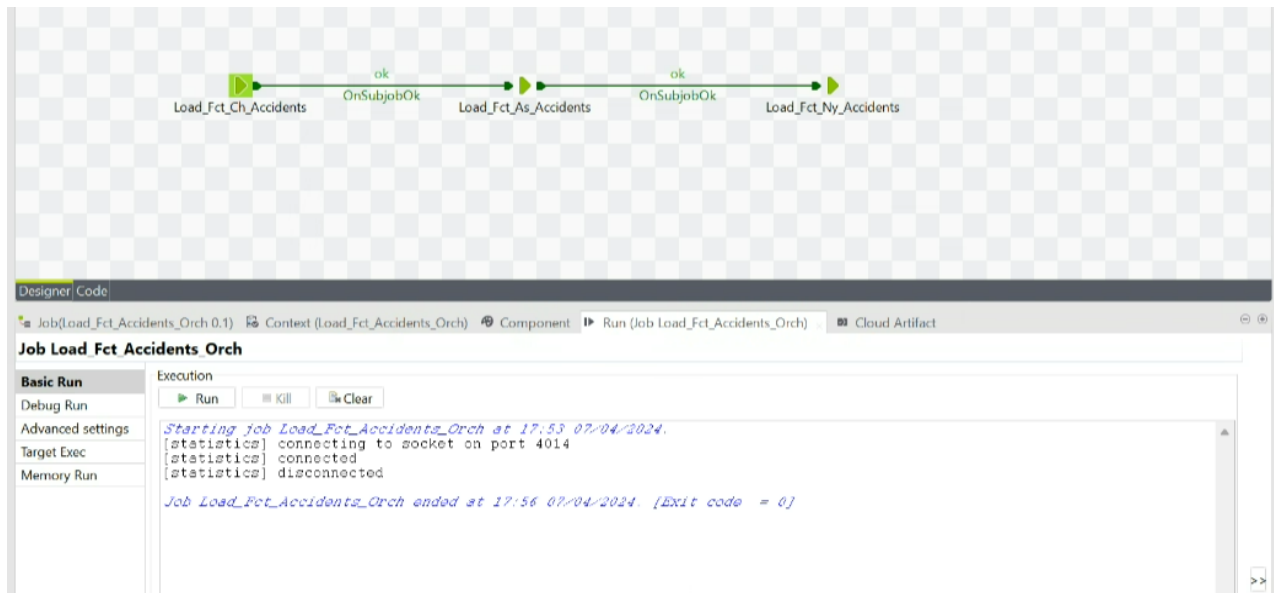
6. Accident Fact (New York) –



7. Accident Fact (Austin)–



8. Orchestration Job (Accident Fact) –



❖ Fact Table Loading (Accident Fact) :-

The screenshot displays the Apache Airflow web interface showing the execution of a SQL query: `select TOP 1000 * from Fct_Accidents`. The query results are displayed in a table with columns: Accidents_FCT_SK, Date_SK, Location_SK, Source_SK, Time_SK, Crash_ID, IS_PEDESTRIAN, Pedestrian_Injured, Pedestrian_Killed, Total_Injured, Total_Killed, Motorist_Injured, Motorist_Killed, DI_JobId, DI_CreateDate, and DI_Workflow. The table shows 20 rows of data.

	Accidents_FCT_SK	Date_SK	Location_SK	Source_SK	Time_SK	Crash_ID	IS_PEDESTRIAN	Pedestrian_Injured	Pedestrian_Killed	Total_Injured	Total_Killed	Motorist_Injured	Motorist_Killed	DI_JobId	DI_CreateDate	DI_Workflow
1	1	20160307	92399	1	9	50993	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.190	Load_Fct_C
2	2	20231010	92390	1	19	50994	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.193	Load_Fct_C
3	3	20230913	92391	1	9	50995	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.193	Load_Fct_C
4	4	20200426	92392	1	22	50996	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.193	Load_Fct_C
5	5	20170220	92393	1	15	50997	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.193	Load_Fct_C
6	6	20170809	92394	1	15	50998	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
7	7	20210603	92395	1	14	50999	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
8	8	20200728	92396	1	2	51000	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
9	9	20200823	92397	1	22	51001	N	0	0	3	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
10	10	20200624	92398	1	18	51002	N	0	0	1	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
11	11	20230913	92399	1	9	51003	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
12	12	20200129	92400	1	14	51004	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
13	13	20180418	92401	1	19	51005	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
14	14	20220308	92402	1	12	51006	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
15	15	20221116	92403	1	20	51007	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
16	16	20220223	92404	1	17	51008	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
17	17	20230427	92405	1	23	51009	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
18	18	20210624	92406	1	16	51010	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
19	19	20230427	92407	1	20	51011	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.197	Load_Fct_C
20	20	20101110	92408	1	15	51012	N	0	0	0	0	0	0	IOtblz	2024-04-07 17:53:44.190	Load_Fct_C

```

Select Min(Accidents_FCT_SK) from Fct_Accidents where Source_SK =3
Select Min(Accidents_FCT_SK) from Fct_Accidents where Source_SK =2
Select Min(Accidents_FCT_SK) from Fct_Accidents where Source_SK =1
select TOP 1000 * from Dim_Source

```

121 %

Results Messages

(No column name)
1 965474
(No column name)
1 817724
(No column name)
1 1

	Source_SK	Source	DI_JobID	DI_CreatedDate	DI_Workflow_Name
1	1	CHICAGO	WYrtID	2024-04-07 17:39:54.167	Load_Dim_Source_0.1
2	2	AUSTIN	WYrtID	2024-04-07 17:39:54.167	Load_Dim_Source_0.1
3	3	NYC	WYrtID	2024-04-07 17:39:54.167	Load_Dim_Source_0.1

```

Select Max(Accidents_FCT_SK) from Fct_Accidents where Source_SK =3
Select Max(Accidents_FCT_SK) from Fct_Accidents where Source_SK =2
Select Max(Accidents_FCT_SK) from Fct_Accidents where Source_SK =1

```

121 %

Results Messages

(No column name)
1 3040900
(No column name)
1 965473
(No column name)
1 817723

```

Select count(distinct c.Accidents_FCT_SK) from Fct_Contribution c join Fct_Accidents a on c.Accidents_FCT_SK = a.Accidents_FCT_SK where a.Source_SK = 3
Select count(distinct c.Accidents_FCT_SK) from Fct_Contribution c join Fct_Accidents a on c.Accidents_FCT_SK = a.Accidents_FCT_SK where a.Source_SK = 2
Select count(distinct c.Accidents_FCT_SK) from Fct_Contribution c join Fct_Accidents a on c.Accidents_FCT_SK = a.Accidents_FCT_SK where a.Source_SK = 1

```

121 %

Results Messages

(No column name)
1 817723
(No column name)
1 147750
(No column name)
1 2075427

Table Schema:

```
SELECT *
FROM INFORMATION_SCHEMA.COLUMNS
WHERE TABLE_NAME = N'Fct_Accidents'
```

```
SELECT *
FROM INFORMATION_SCHEMA.COLUMNS
WHERE TABLE_NAME = N'Fct_Accidents'
```

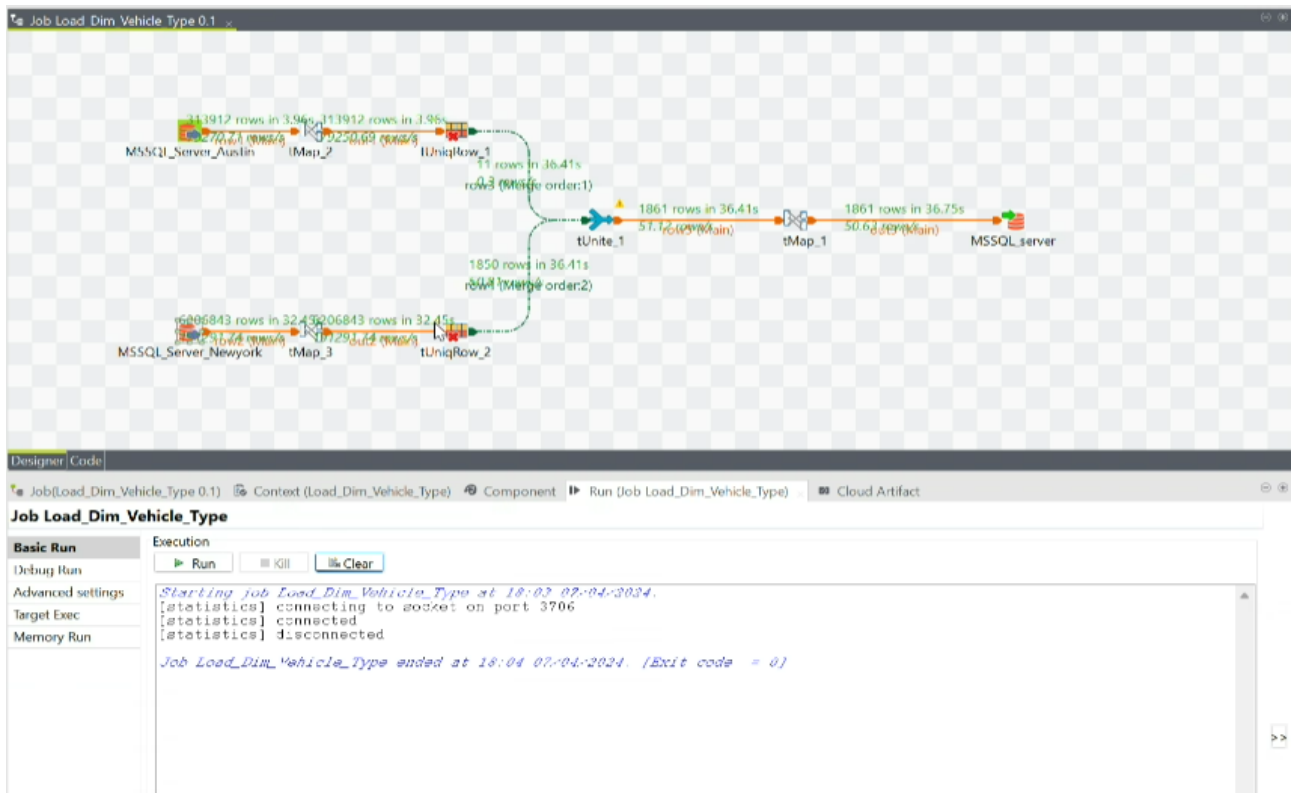
121 % Messages

	TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	COLUMN_NAME	ORDINAL_POSITION	COLUMN_DEFAULT	IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_LENGTH	CHARACTER_OCTET_LENGTH	NUMERIC_PRECISION	NUMERIC_SCALE
1	Final_MVC	dbo	Fct_Accidents	Accidents_FCT_SK	1	NULL	NO	int	NULL	NULL	10	
2	Final_MVC	dbo	Fct_Accidents	Date_SK	2	NULL	NO	int	NULL	NULL	10	
3	Final_MVC	dbo	Fct_Accidents	Location_SK	3	NULL	NO	int	NULL	NULL	10	
4	Final_MVC	dbo	Fct_Accidents	Source_SK	4	NULL	NO	int	NULL	NULL	10	
5	Final_MVC	dbo	Fct_Accidents	Time_SK	5	NULL	NO	int	NULL	NULL	10	
6	Final_MVC	dbo	Fct_Accidents	Crash_ID	6	NULL	YES	int	NULL	NULL	10	
7	Final_MVC	dbo	Fct_Accidents	IS_PEDESTRIAN	7	NULL	YES	varchar	2	NULL	10	
8	Final_MVC	dbo	Fct_Accidents	Pedestrian_Injured	8	NULL	YES	int	NULL	NULL	10	
9	Final_MVC	dbo	Fct_Accidents	Pedestrian_Killed	9	NULL	YES	int	NULL	NULL	10	
10	Final_MVC	dbo	Fct_Accidents	Total_Injured	10	NULL	YES	int	NULL	NULL	10	
11	Final_MVC	dbo	Fct_Accidents	Total_Killed	11	NULL	YES	int	NULL	NULL	10	
12	Final_MVC	dbo	Fct_Accidents	Motorist_Injured	12	NULL	YES	int	NULL	NULL	10	
13	Final_MVC	dbo	Fct_Accidents	Motorist_Killed	13	NULL	YES	int	NULL	NULL	10	
14	Final_MVC	dbo	Fct_Accidents	DI_Jobid	14	NULL	YES	varchar	20	NULL	10	
15	Final_MVC	dbo	Fct_Accidents	DI_CreateDate	15	NULL	YES	datetime	NULL	NULL	10	
16	Final_MVC	dbo	Fct_Accidents	DI_Workflow_Nam	16	NULL	YES	varchar	70	NULL	10	

Query executed successfully.

localhost (15.0 RIM) APEX(vuual 62) Final MVC : 00:00:00 16 rows

9. Vehicle Dimension -



❖ Dimension Table Loading :-

Select * from Dim_Vehicle_Type

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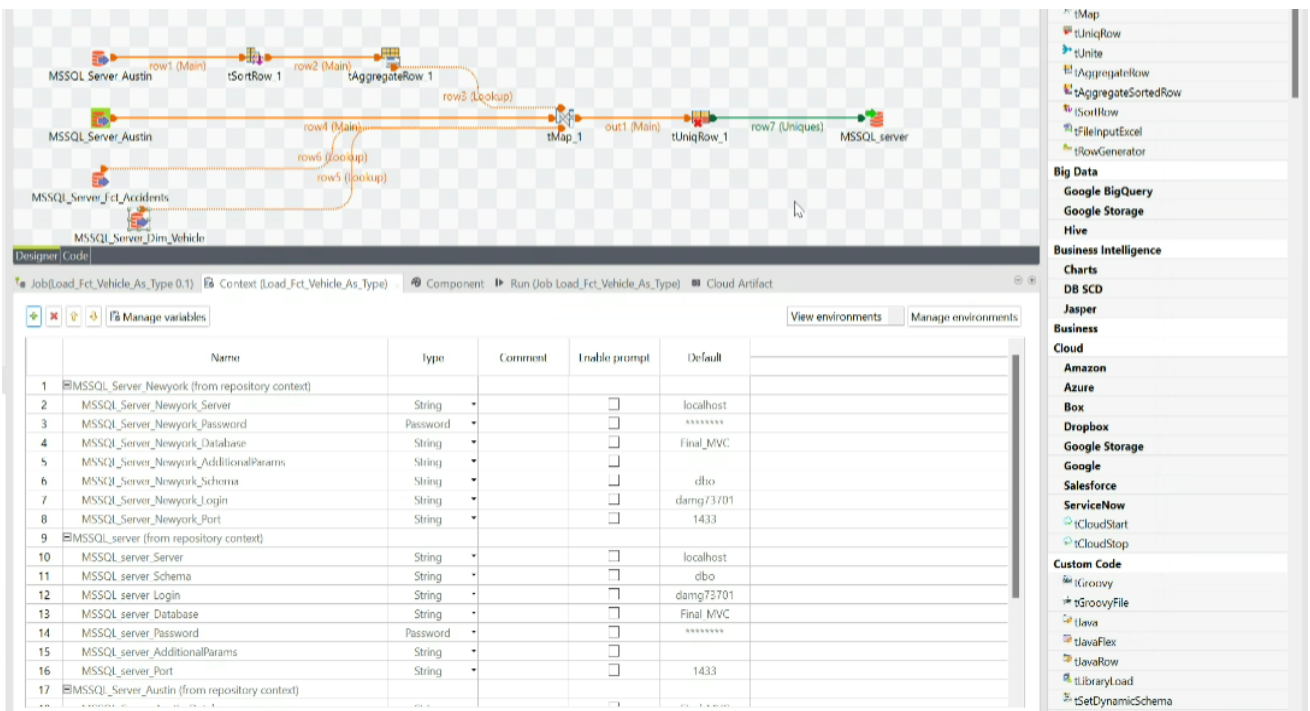
Results Messages

	Vehicle SK	crash id	units involved	Source	DT /ProcessID	DT CreatedDate	DT Workflow Name
1	1	15940620	Passenger car	AUSTIN	DY7SWX	2024-04-07 18:03:26.287	Load_Dim_Vehicle_Type_0.1
2	2	15940329	Large passenger vehicle	AUSTIN	DY7SWX	2024-04-07 18:03:26.287	Load_Dim_Vehicle_Type_0.1
3	3	15958213	Motorcycle	AUSTIN	DY7SWX	2024-04-07 18:03:26.290	Load_Dim_Vehicle_Type_0.1
4	4	15958213	Motor vehicle - other	AUSTIN	DY7SWX	2024-04-07 18:03:26.293	Load_Dim_Vehicle_Type_0.1
5	5	15942444	Bicycle	AUSTIN	DY7SWX	2024-04-07 18:03:26.293	Load_Dim_Vehicle_Type_0.1
6	6	15950315	Other/Unknown	AUSTIN	DY7SWX	2024-04-07 18:03:26.300	Load_Dim_Vehicle_Type_0.1
7	7	15940454	Pushed/in	AUSTIN	DY7SWX	2024-04-07 18:03:26.307	Load_Dim_Vehicle_Type_0.1
8	8	15958374	E-scooter	AUSTIN	DY7SWX	2024-04-07 18:03:26.330	Load_Dim_Vehicle_Type_0.1
9	9	15977748	Micro-mobility device	AUSTIN	DY7SWX	2024-04-07 18:03:26.370	Load_Dim_Vehicle_Type_0.1
10	10	16402821	Train	AUSTIN	DY7SWX	2024-04-07 18:03:26.813	Load_Dim_Vehicle_Type_0.1
11	11	20074094	NA	AUSTIN	DY7SWX	2024-04-07 18:03:27.950	Load_Dim_Vehicle_Type_0.1
12	12	3632807	STATION WAGON/SPORT UTILITY VEHICLE	NYC	DY7SWX	2024-04-07 18:03:30.237	Load_Dim_Vehicle_Type_0.1
13	13	3632807	TAXI	NYC	DY7SWX	2024-04-07 18:03:30.237	Load_Dim_Vehicle_Type_0.1
14	14	3630739	PICK UP TRUCK	NYC	DY7SWX	2024-04-07 18:03:30.237	Load_Dim_Vehicle_Type_0.1
15	15	3636707	VAN	NYC	DY7SWX	2024-04-07 18:03:30.237	Load_Dim_Vehicle_Type_0.1
16	16	3630417	SFDAN	NYC	DY7SWX	2024-04-07 18:03:30.237	Load_Dim_Vehicle_Type_0.1
17	17	3631345	BOX TRUCK	NYC	DY7SWX	2024-04-07 18:03:30.240	Load_Dim_Vehicle_Type_0.1
18	18	3637400	FIRE	NYC	DY7SWX	2024-04-07 18:03:30.240	Load_Dim_Vehicle_Type_0.1
19	19	3627730	UNKNOWN	NYC	DY7SWX	2024-04-07 18:03:30.240	Load_Dim_Vehicle_Type_0.1
20	20	3636585	PK	NYC	DY7SWX	2024-04-07 18:03:30.240	Load_Dim_Vehicle_Type_0.1
21	21	3636585	PK	NYC	DY7SWX	2024-04-07 18:03:30.240	Load_Dim_Vehicle_Type_0.1

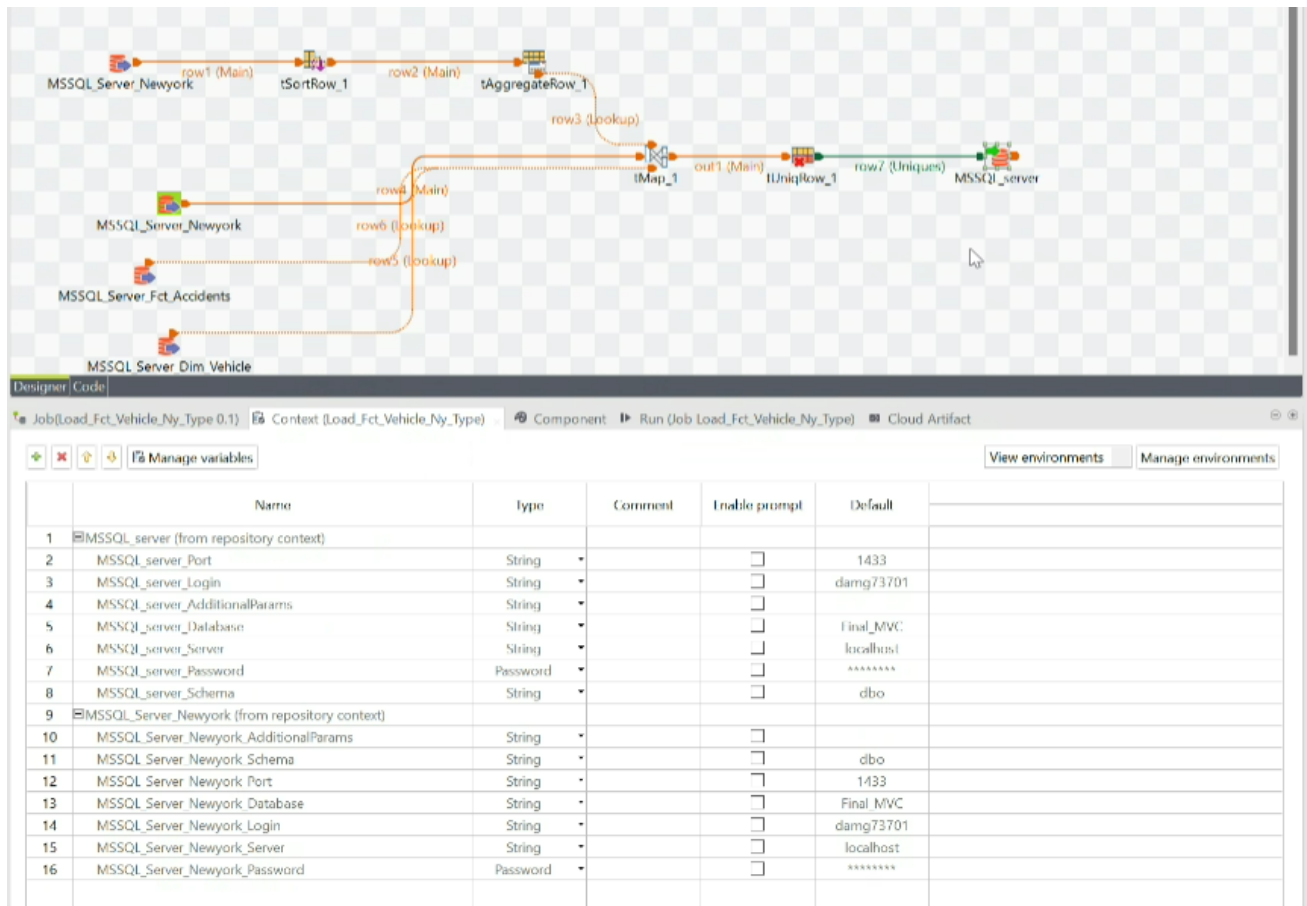
Query executed successfully.

localhost (15.0 RTM) APIXyugal (62) Final_MVC 00:00:00 1,861 rows

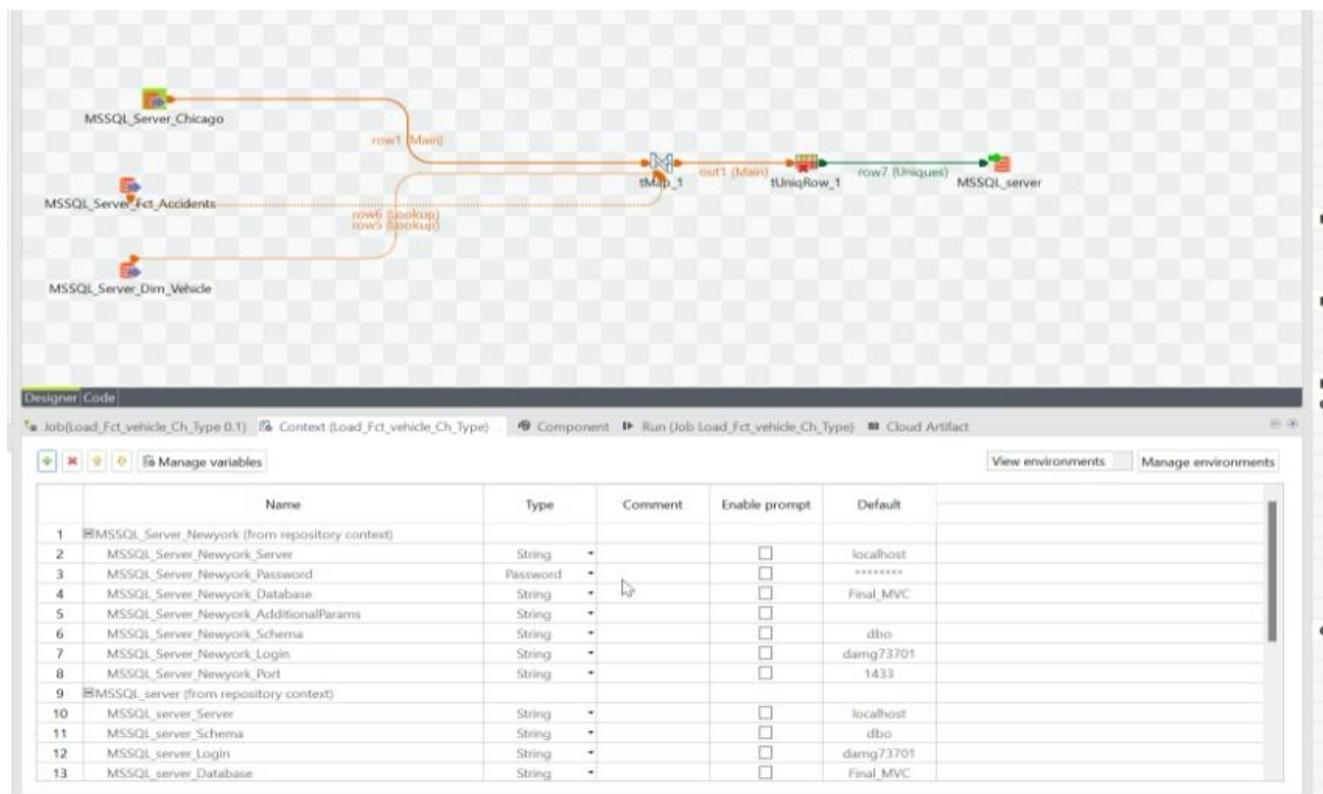
10. Vehicle Fact (Austin) –



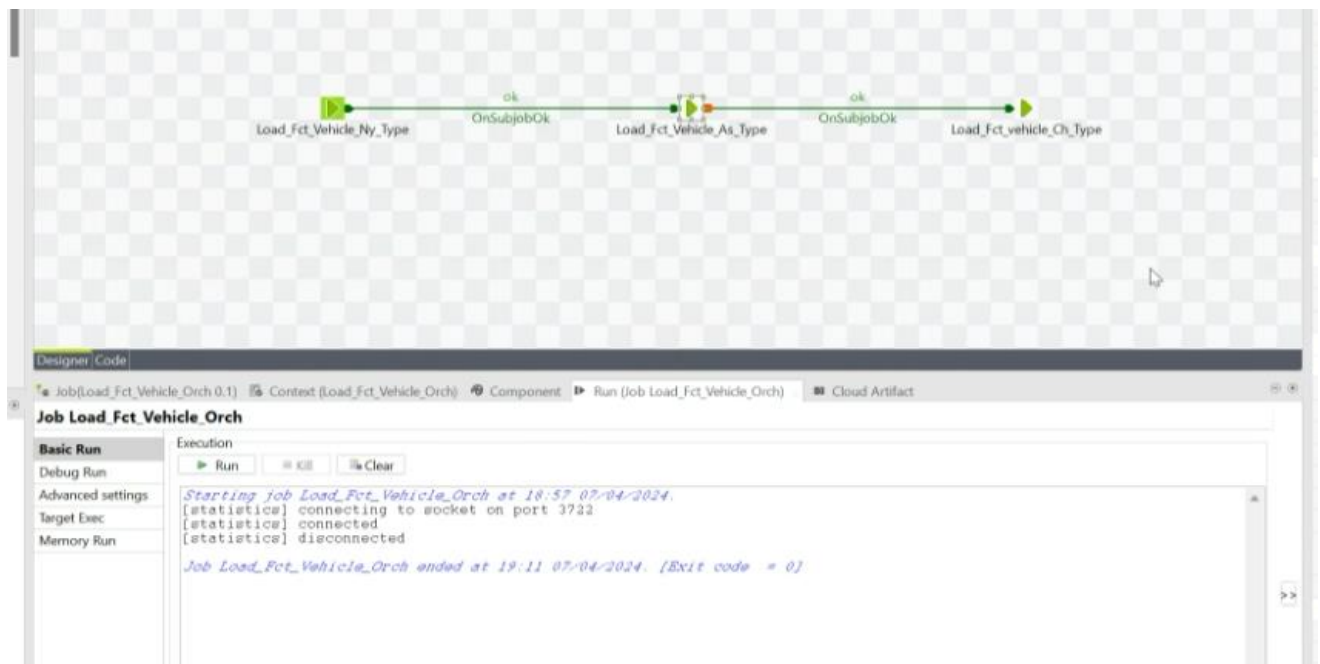
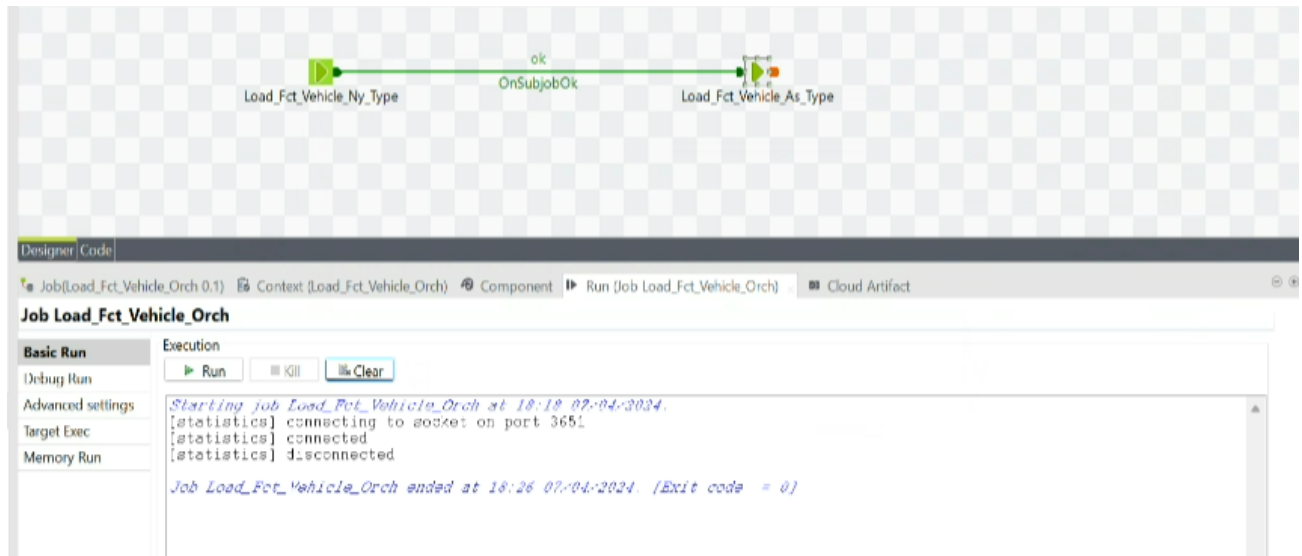
11. Vehicle Fact (New York) –



12. Vehicle Fact (Chicago) –



13.Orchestration Job (Vehicle Fact) –



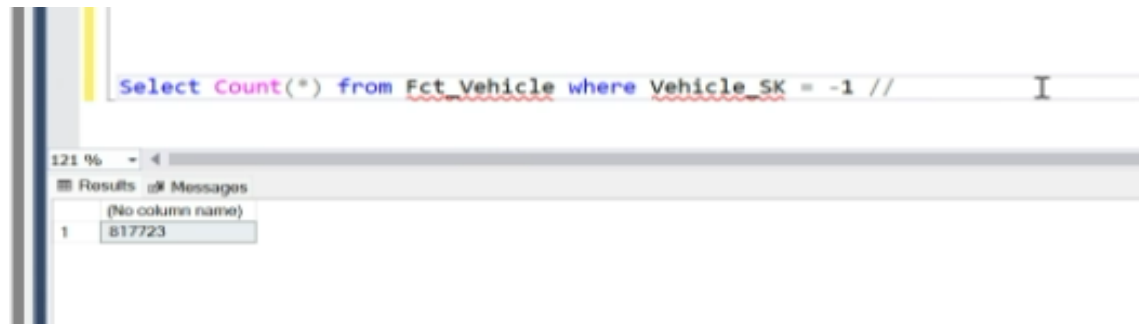
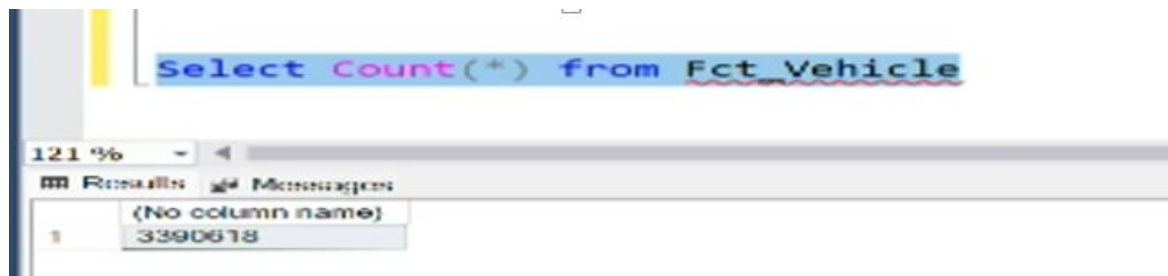
❖ Fact Table Loading(Vehicle Fact):-

Select * from Fct_Vehicle

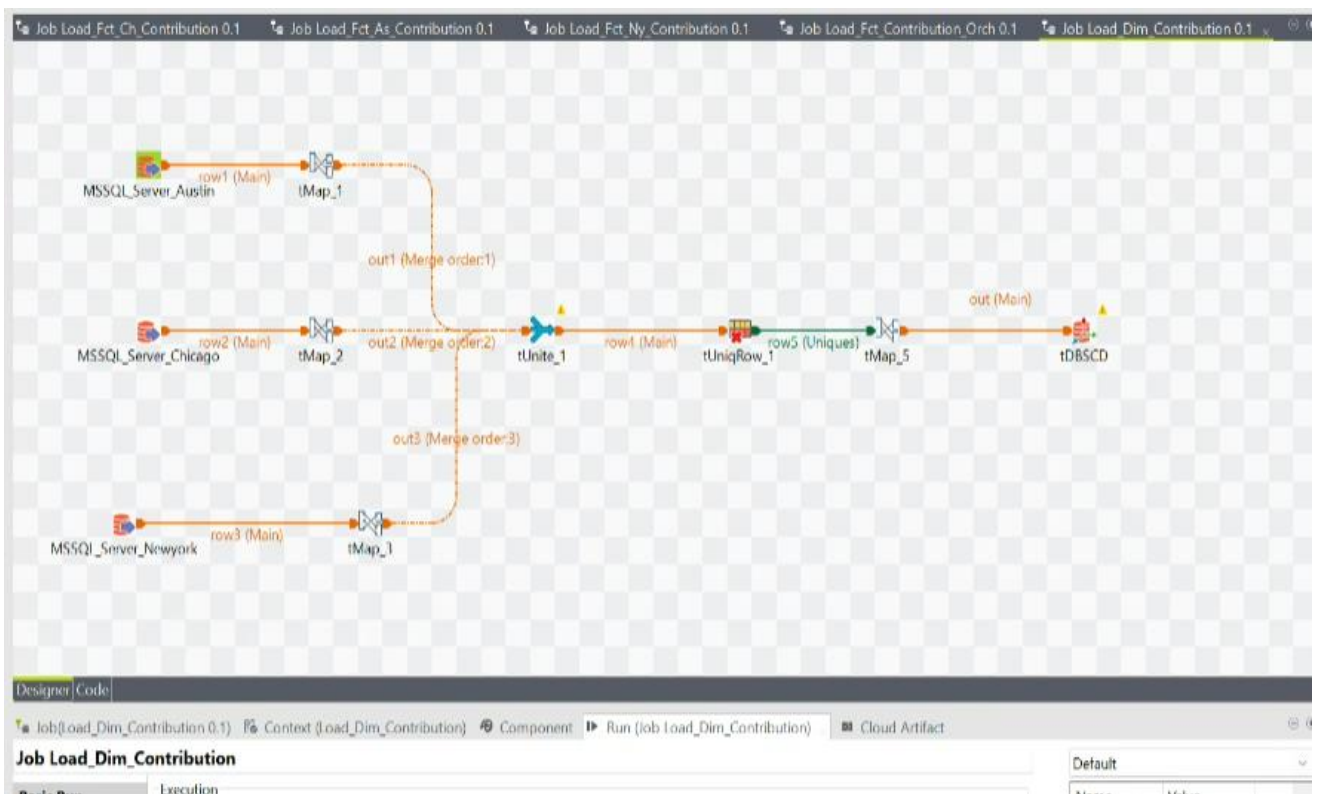
	Vehicle_FCT_SK	Accidents_FCT_SK	Vehicle_SK	Vehicle_Count	DI_ProcessID	DI_CreatedDate	DI_Workflow_Name
1	905474	12	2		swihli	2024-04-07 18:22:41.447	Load_Fct_Vehicle_Ny_Type_0.1
2	905474	13	2		swihli	2024-04-07 18:22:41.450	Load_Fct_Vehicle_Ny_Type_0.1
3	905475	14	1		swihli	2024-04-07 18:22:41.450	Load_Fct_Vehicle_Ny_Type_0.1
4	905476	15	1		swihli	2024-04-07 18:22:41.450	Load_Fct_Vehicle_Ny_Type_0.1
5	905477	12	2		swihli	2024-04-07 18:22:41.450	Load_Fct_Vehicle_Ny_Type_0.1
6	905477	16	2		swihli	2024-04-07 18:22:41.450	Load_Fct_Vehicle_Ny_Type_0.1
7	905478	16	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
8	905479	13	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
9	905480	12	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
10	905481	16	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
11	905481	12	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
12	905482	12	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
13	905483	16	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
14	905484	16	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
15	905494	12	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
16	905485	16	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
17	905496	16	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
18	905496	15	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
19	905487	16	1		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
20	905498	12	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1
21	905498	17	2		swihli	2024-04-07 18:22:41.453	Load_Fct_Vehicle_Ny_Type_0.1

Query executed successfully. localhost (15.0 RIM) APEXyugul (62) Final_MVC 00:00:15 3,390,618 rows

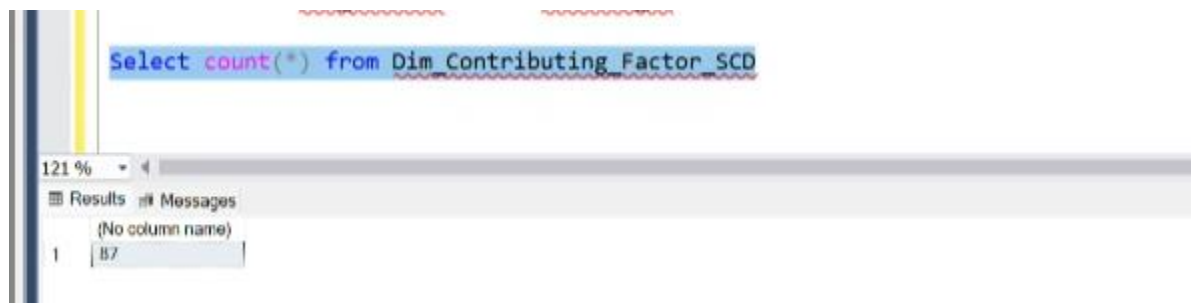
Count:-



14. Contribution Dimension (SCD)–



Count:-

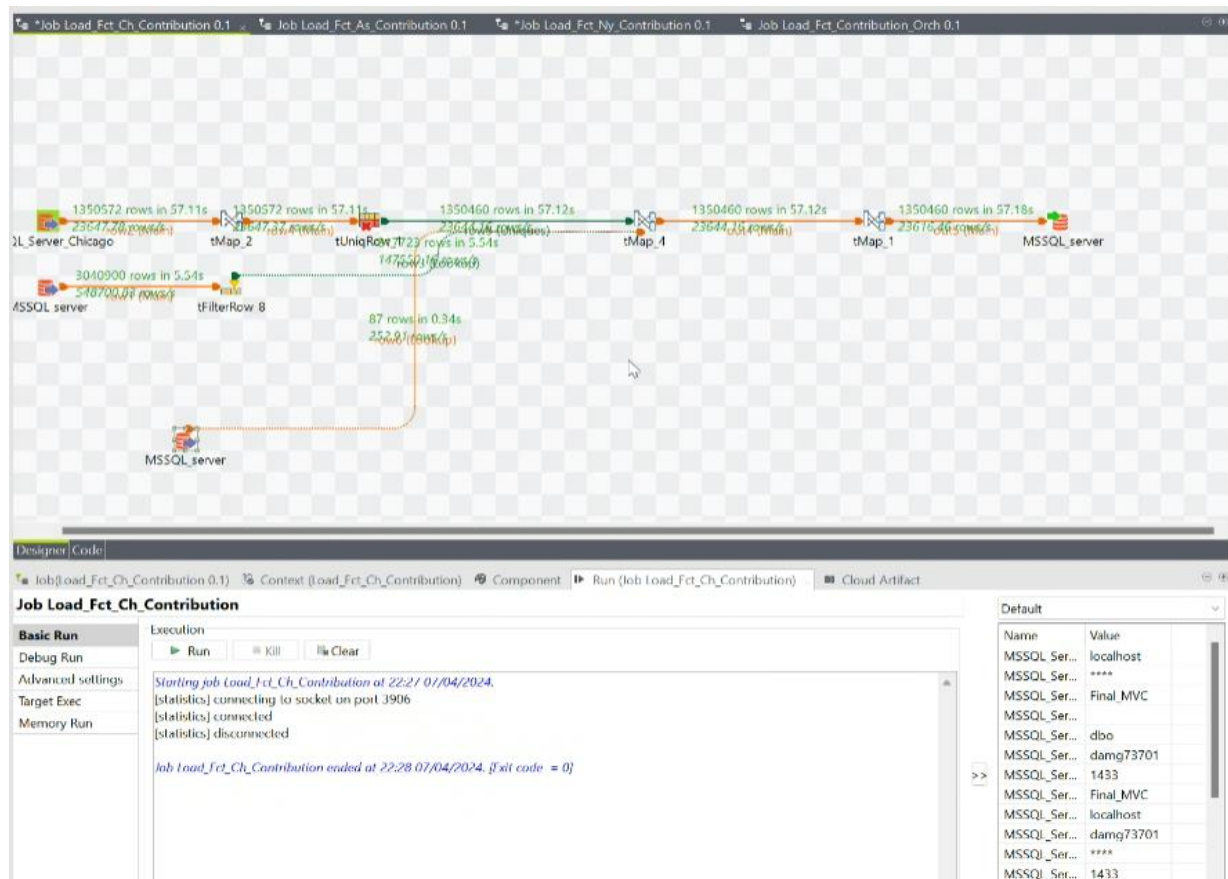


❖ Dimension Table Loading(Contribution Dimension):-

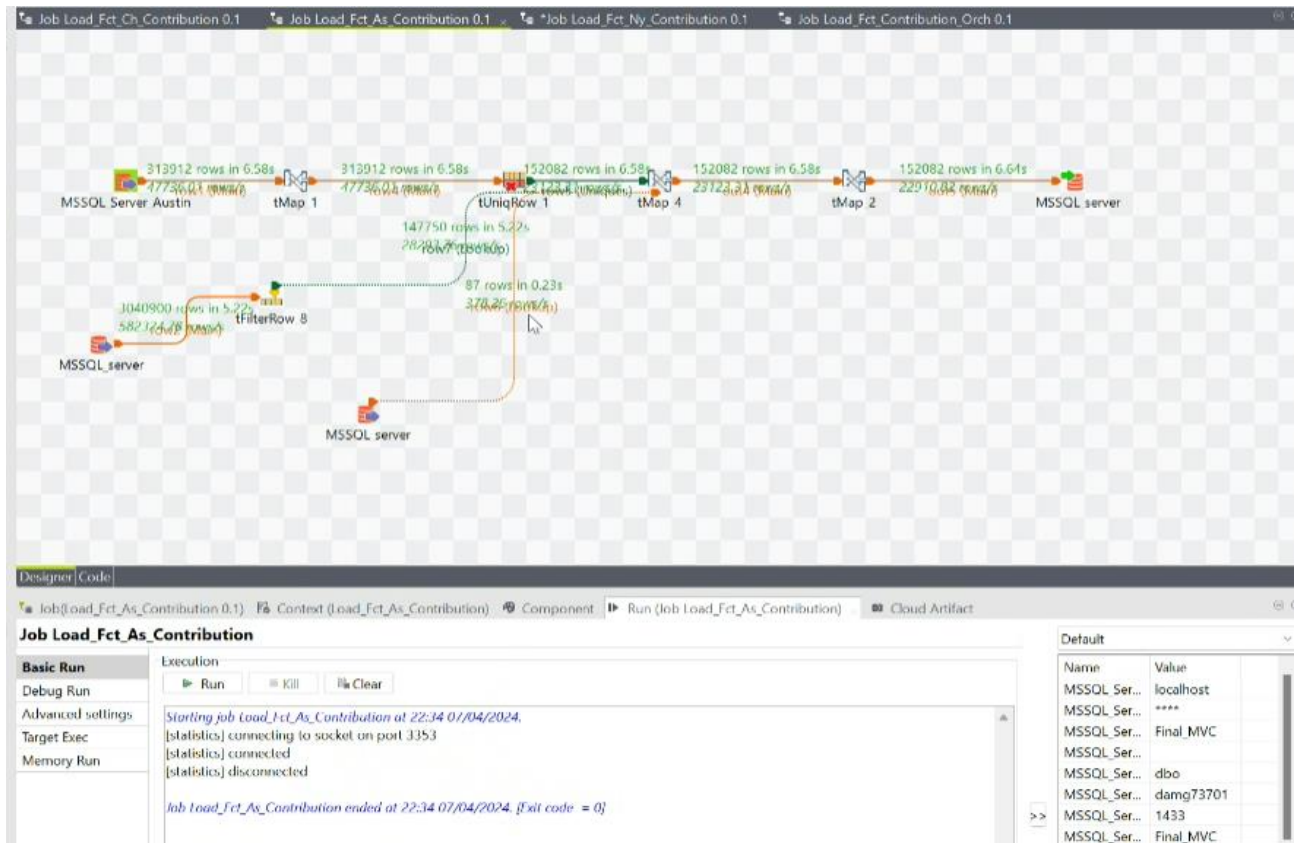
The screenshot shows a SQL query window with the text: `Select * from Dim Contributing Factor_SCD order by Code`. Below the query, the results pane shows a list of contributing factors. The results pane has tabs for 'Results' and 'Messages', and a message '(No column name)' is displayed.

SK	ID	Code	Contrib DK	Description	SCD_StartDate	SCD_EndDate	SCD_Version	IsActive	DI_CreatedDate	DI_JobID	DI_Workflow_Name
1	2	-1	-1	NA	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.433	gJLUSW	Load_Dim_Contribution_0.1
2	43	1	1	ANIMAL ON ROAD - DOMESTIC	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.707	gJLUSW	Load_Dim_Contribution_0.1
3	38	2	2	ANIMAL ON ROAD - WILD	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.927	gJLUSW	Load_Dim_Contribution_0.1
4	55	3	3	BACKED WITHOUT SAFETY	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.987	gJLUSW	Load_Dim_Contribution_0.1
5	9	4	4	CHANGED LANE WHEN UNSAFE	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.480	gJLUSW	Load_Dim_Contribution_0.1
6	26	14	14	DISABLED IN TRAFFIC LANE	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:15.330	gJLUSW	Load_Dim_Contribution_0.1
7	23	15	15	DISREGARD STOP AND GO SIGNAL	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.493	gJLUSW	Load_Dim_Contribution_0.1
8	21	16	16	DISREGARD STOP SIGN OR LIGHT	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.610	gJLUSW	Load_Dim_Contribution_0.1
9	56	17	17	DISREGARD TURN MARKS AT INTERSECTION	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.820	gJLUSW	Load_Dim_Contribution_0.1
10	53	18	18	DISREGARD WARNING SIGN AT CONSTRUCTION	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.917	gJLUSW	Load_Dim_Contribution_0.1
11	13	19	19	DISTRACTION IN VEHICLE	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.533	gJLUSW	Load_Dim_Contribution_0.1
12	1	20	20	DRIVER INATTENTION	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.470	gJLUSW	Load_Dim_Contribution_0.1
13	26	21	21	DRIVE WITHOUT HEADLIGHTS	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.900	gJLUSW	Load_Dim_Contribution_0.1
14	8	22	22	FAILED TO CONTROL SPEED	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.530	gJLUSW	Load_Dim_Contribution_0.1
15	18	23	23	FAILED TO DRIVE IN SINGLE LANE	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:14.617	gJLUSW	Load_Dim_Contribution_0.1
16	37	24	24	FAILED TO GIVE HALF OF ROADWAY	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:15.450	gJLUSW	Load_Dim_Contribution_0.1
17	50	25	25	FAILED TO HEED WARNING SIGN OR TRAFFIC CONTROL DE...	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:15.640	gJLUSW	Load_Dim_Contribution_0.1
18	35	26	26	FAILED TO PASS TO LEFT SAFELY	2024-04-07 14:41:18.693	9999-01-01 12:00:00.000	1	1	2024-04-07 20:54:15.043	gJLUSW	Load_Dim_Contribution_0.1

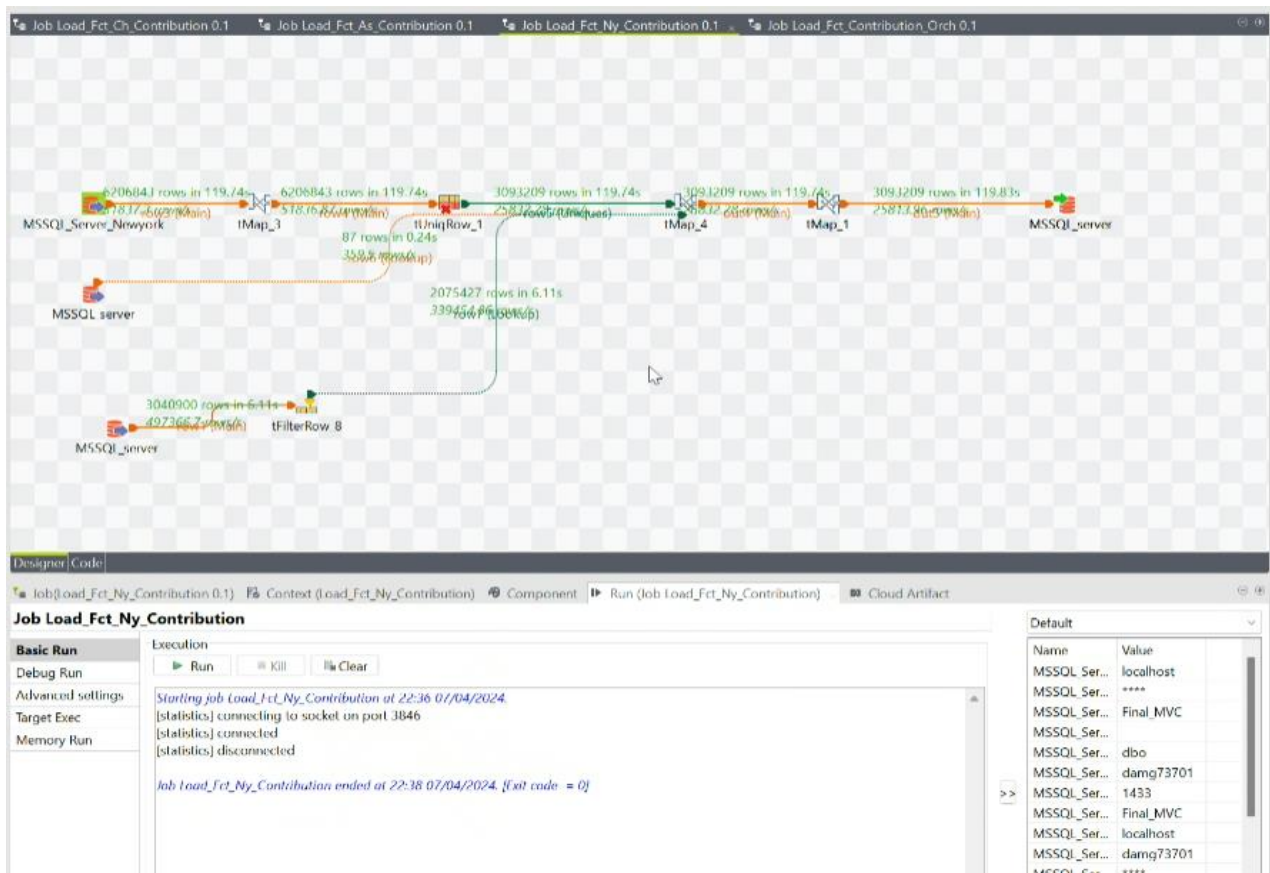
15. Contribution Fact (Chicago) –



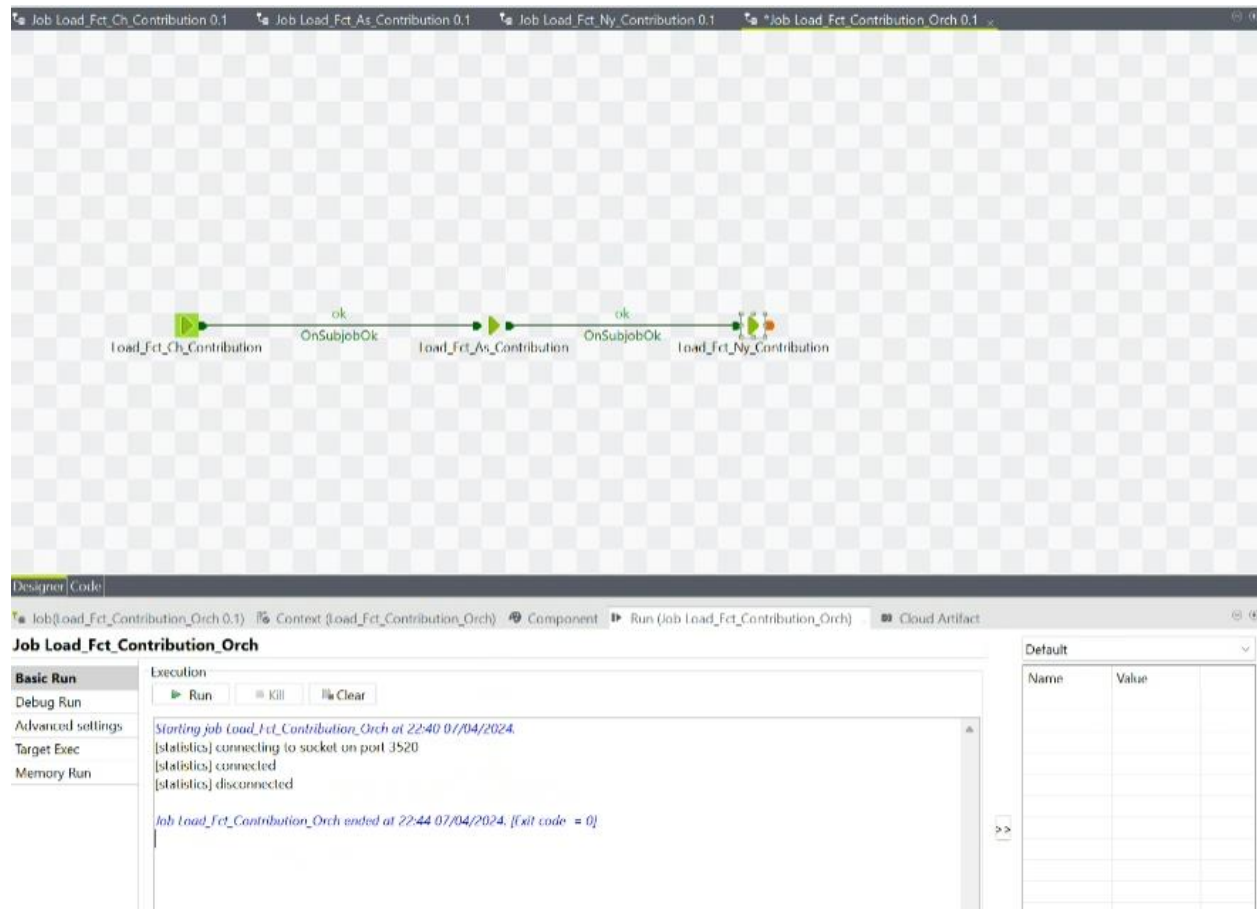
16. Contribution Fact (Austin) –



17. Contribution Fact (New York) –



18.Orchestration Job (Contribution Fact) –



Dimensional Model Part 2:-

