

MidTerm - Group 19
Final Project

Program: MS Data Architecture and Management

Course: DAMG 7370 - Designing Advanced Data Architectures for Business Intelligence

AuthorDetails:

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NUID: 002643847

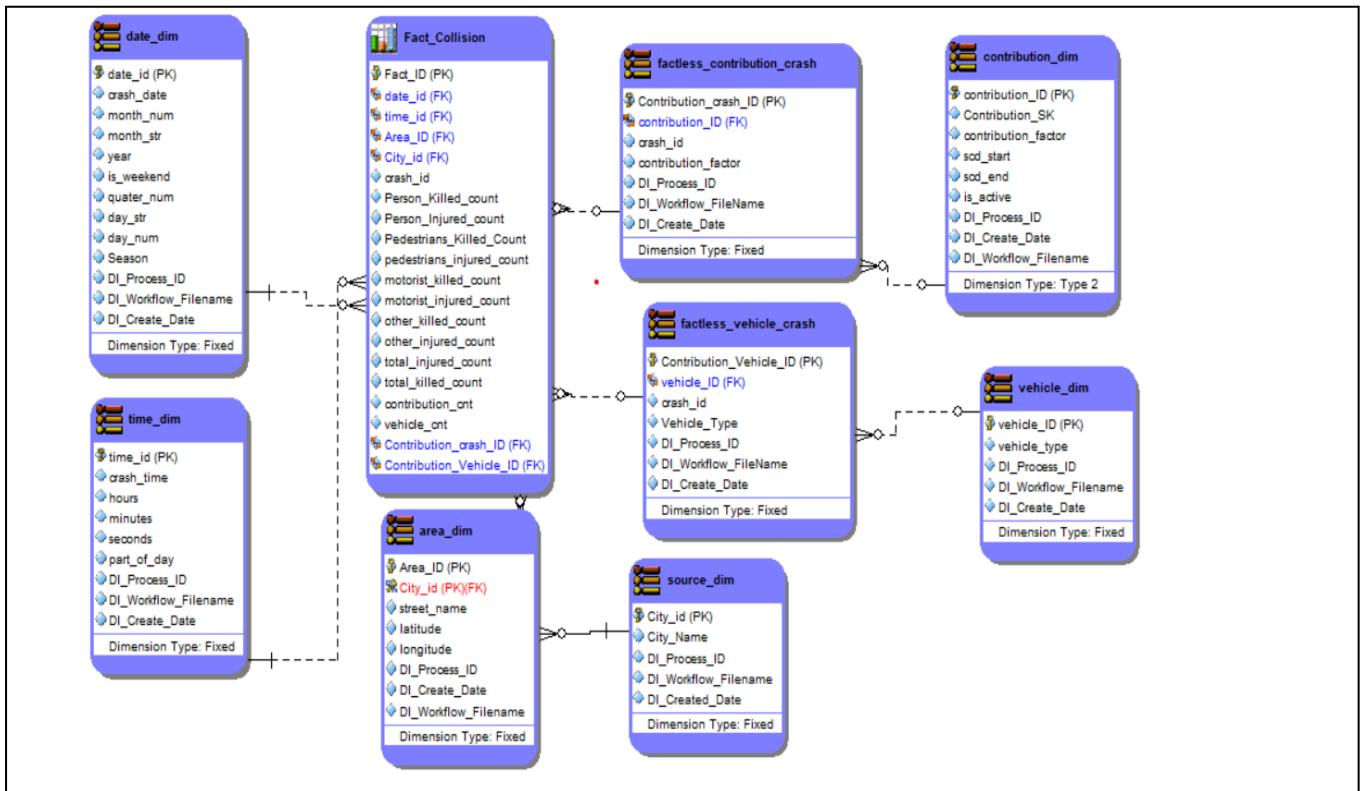
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Name: Anuja Shinde

NUID: 002643847

Email Address: v@northeastern.edu

Dimensional Model:



Mapping Document/Sheet:

Group_19_Mapping

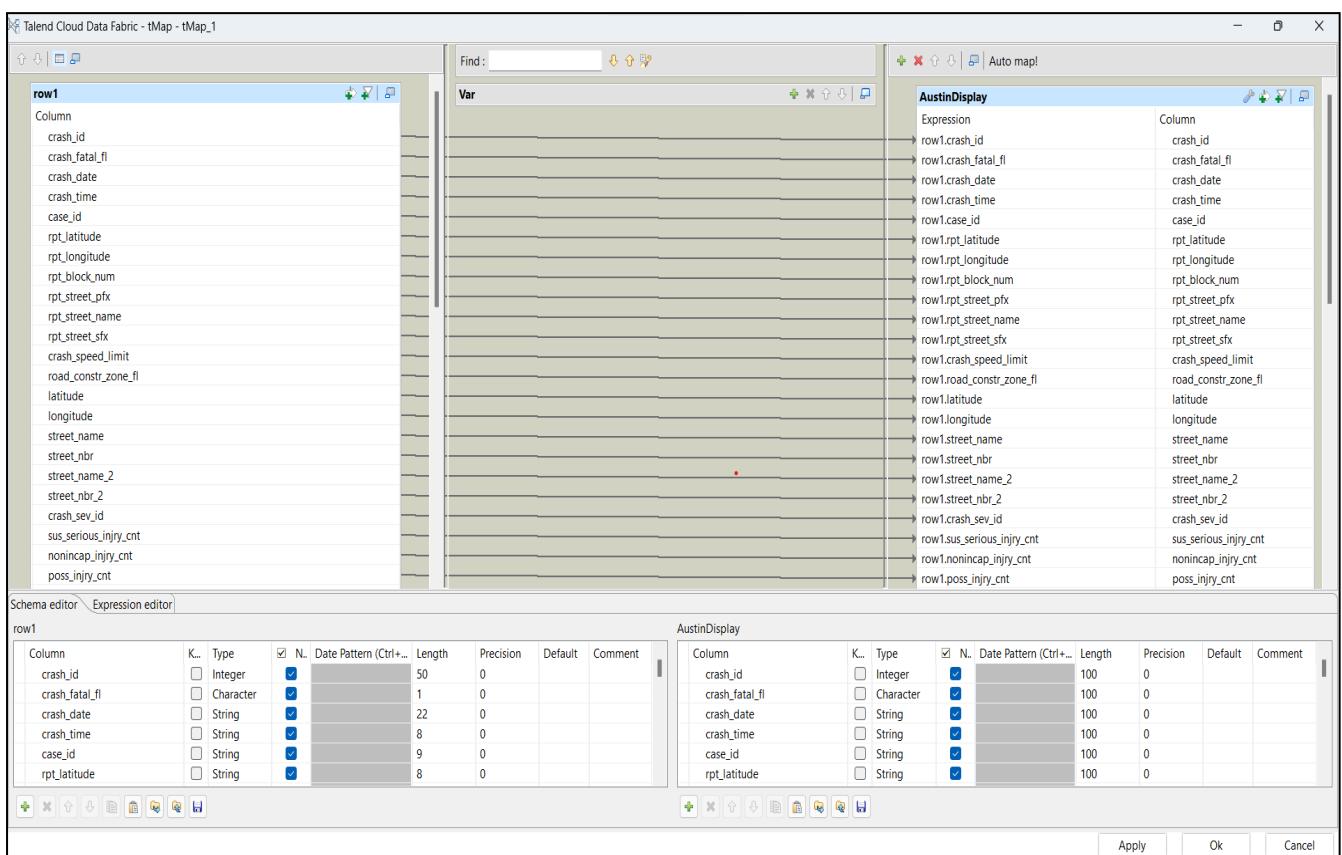
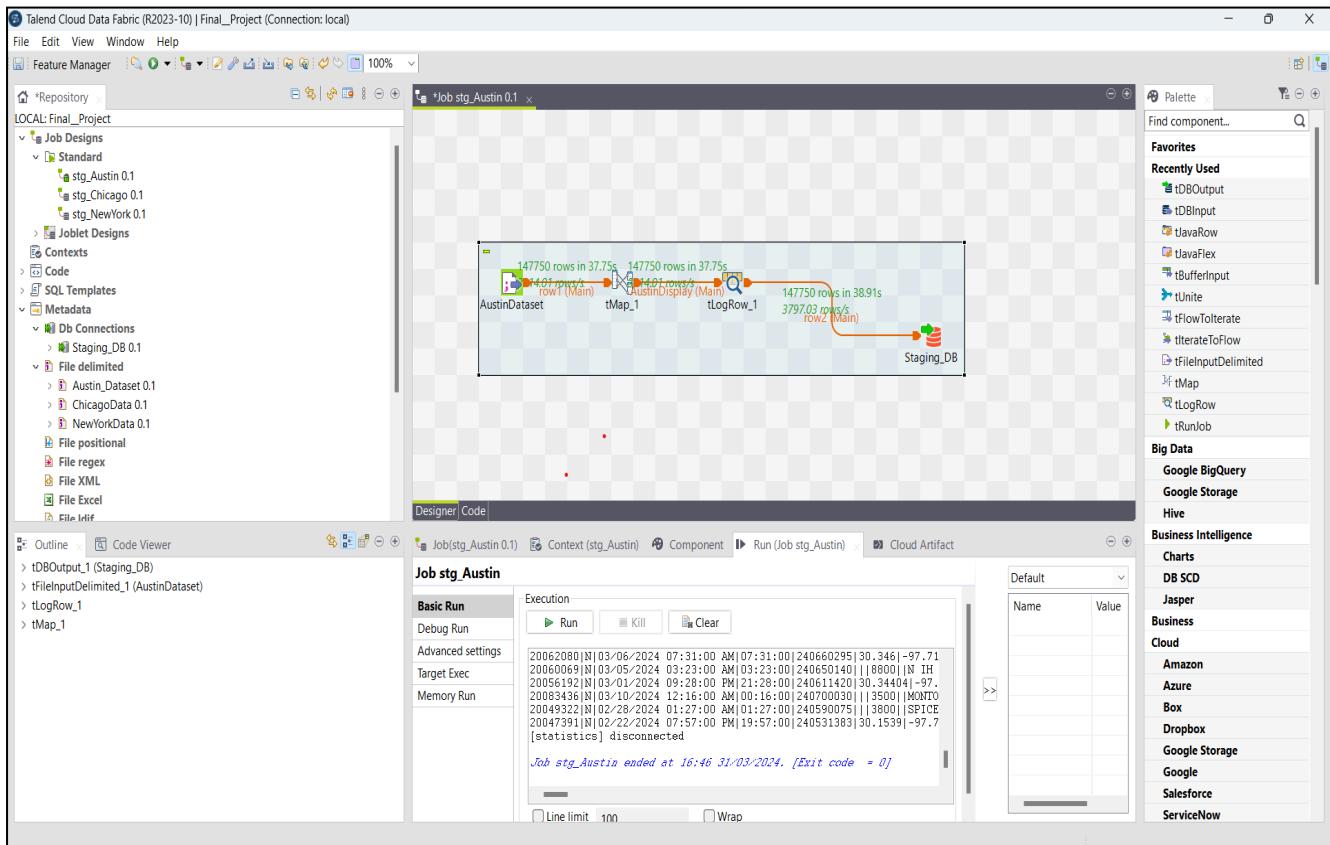
Common Attribute Description					
1	Common Attribute Description	Chicago	Austin	New York	
2	Unique-ID	CRASH_RECORD_ID	crash_id, case_id	COLLISION_ID	
3	Crash - Date and Time	CRASH_DATE	crash_date	CRASH DATE, CRASH TIME	
4	Location	LATITUDE, LONGITUDE, LOCATION	latitude, longitude, point	LATITUDE, LONGITUDE, LOCATION	
5	Total Injuries	INJURIES_TOTAL	tot_injy_cnt	NUMBER OF PERSONS INJURED	
6	Total Deaths	INJURIES_FATAL	death_cnt	NUMBER OF PERSONS KILLED	
7	Street Name Info	STREET_NAME	street_name	ON STREET NAME, CROSS STREET NAME, OFF STREET NAME	
8	Contributing-Factors	PRIM_CONTRIBUTORY_CAUSE, SEC_CONTRIBUTORY_CAUSE	contrib_factr_p1_id, contrib_factr_p2_id	CONTRIBUTING FACTOR VEHICLE	
9	Construction-Zone	WORK_ZONE_I	road_constr_zone_fl	1 to CONTRIBUTING FACTOR VEHICLE 5	
10	Weather Conditions	WEATHER_CONDITION, LIGHTING_CONDITION, ROADWAY_SURFACE_COND, ROAD_DEFECT	-	-	
11	Admin Details	DATE_POLICE_NOTIFIED	-	-	
12	Traffic-Info	TRAFFIC_CONTROL_DEVICE, DEVICE_CONDITION, TRAFFICWAY_TYPE	crash_speed_limit	-	
13	Other-Information	STREET_DIRECTION, BEAT_OF_OCCURRENCE	onsys_fl, private_dr_fl	BOROUGH	
14					
15					
16					
17					

Final Mapping Sheet:

<https://docs.google.com/spreadsheets/d/12R6idm4cFz-ejbFvljmg7Ev5yz9K7DXFa7mxccYgQCU/edit?usp=sharing>

Talend:

Austin Stage:



SQLQuery2.sql - SHUBH.Final_Project (group_19 (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

SHUBH (SQL Server 16.0.1000.6 - group_19)

- Databases
 - System Databases
 - Database Snapshots
 - DB_Assigment_3
 - DB_K_C
 - Final_Project
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.Austin_Stg
 - Dropped Ledger Tables
 - Views
 - External Resources
 - Synonyms
 - Programmability
 - Query Store
 - Service Broker
 - Storage
 - Security
- MidTerm_Group_19
- Parse_CSV
- Security
- Server Objects
- Replication
- Always On High Availability
- Management
- Integration Services Catalogs
 - SQL Server Agent (Agent XPs disabled)
- XEvent Profiler

SQLQuery2.sql - SH...ect (group_19 (68)) * x SQLQuery1.sql - SH...ect (group_19 (59))

```
select top 10 * from Austin_Stg
SELECT COUNT(*) AS TotalRows FROM Austin_Stg;
```

Results Messages

crash_id	crash_fatal_flg	crash_date	crash_time	case_id	rpt_latitude	rpt_longitude	rpt_block_num	rpt_street_pfx	rpt_street_name	rpt_street_sfx	crash_speed_limit	road_constr_zone_flg	latitude	longitude
1	17511082	N	01/13/2020 08:42:00 AM	08:42:00	200130453		50	N	50 NH 35 NB	HWY	60	N	30.29635038	-97
2	17528233	N	02/05/2020 09:44:00 AM	09:44:00	200360572	10900		FM 2222 RD	ST	-1	N	30.30817477	-97	
3	17486705	N	1/27/2019 06:25:00 PM	18:25:00	193611295	200	E	45TH	ST	-1	N	30.30817477	-97	
4	17475319	N	1/20/2019 06:57:00 PM	18:57:00	193541498	12800	N	N H 35 SVRD SB	SB	45	N	30.411376684211428	-97	
5	17511034	N	01/13/2020 08:40:00 AM	08:40:00	200130448	12800		PEARCE	LN	40	N	30.16941479	-97	
6	17525273	N	02/05/2020 05:33:00 PM	17:33:00	200361230	4300		AIRPORT	BLVD	35	N	30.2976455982481	-97	
7	17514310	N	01/14/2020 07:43:00 PM	19:43:00	200141444	7900		BURNET	RD	35	N	30.35096226844143	-97	
8	17543301	N	01/31/2020 11:57:00 AM	11:57:00	200310927	9000		RESEARCH	BLVD	65	N	30.37380352	-97	
9	17541279	N	01/29/2020 04:52:00 PM	16:52:00	200291273	2000	S	CONGRESS	AVE	-1	N	30.24356681	-97	
10	17524221	N	01/17/2020 09:01:00 PM	21:01:00	200171712	11320	S	MANCHACA	RD	40	N	30.15526273	-97	

Query executed successfully.

SHUBH (16.0 RTM) | group_19 (68) | Final_Project | 00:00:00 | 10 rows

Ln 1 Col 1 Ch 1 INS

SQLQuery2.sql - SHUBH.Final_Project (group_19 (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

SHUBH (SQL Server 16.0.1000.6 - group_19)

- Databases
 - System Databases
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 - Query Store
 - Service Broker
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 - Security
- MidTerm_Group_19
- Parse_CSV
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- Server Objects
- Replication
- Always On High Availability
- Management
- Integration Services Catalogs
 - SQL Server Agent (Agent XPs disabled)
- XEvent Profiler

SQLQuery2.sql - SH...ect (group_19 (68)) * x SQLQuery1.sql - SH...ect (group_19 (59))

```
select top 10 * from Austin_Stg
SELECT COUNT(*) AS TotalRows FROM Austin_Stg;
```

Results Messages

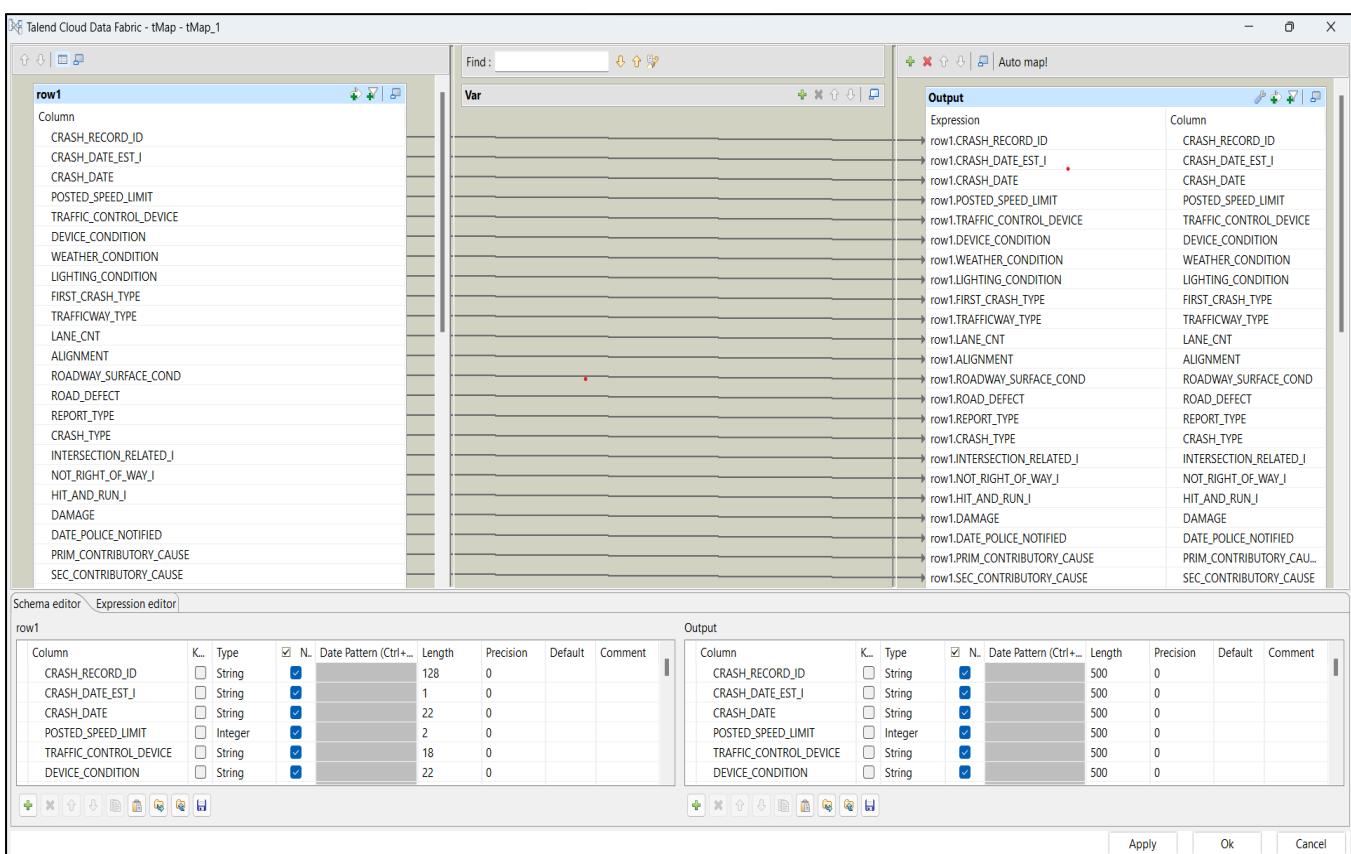
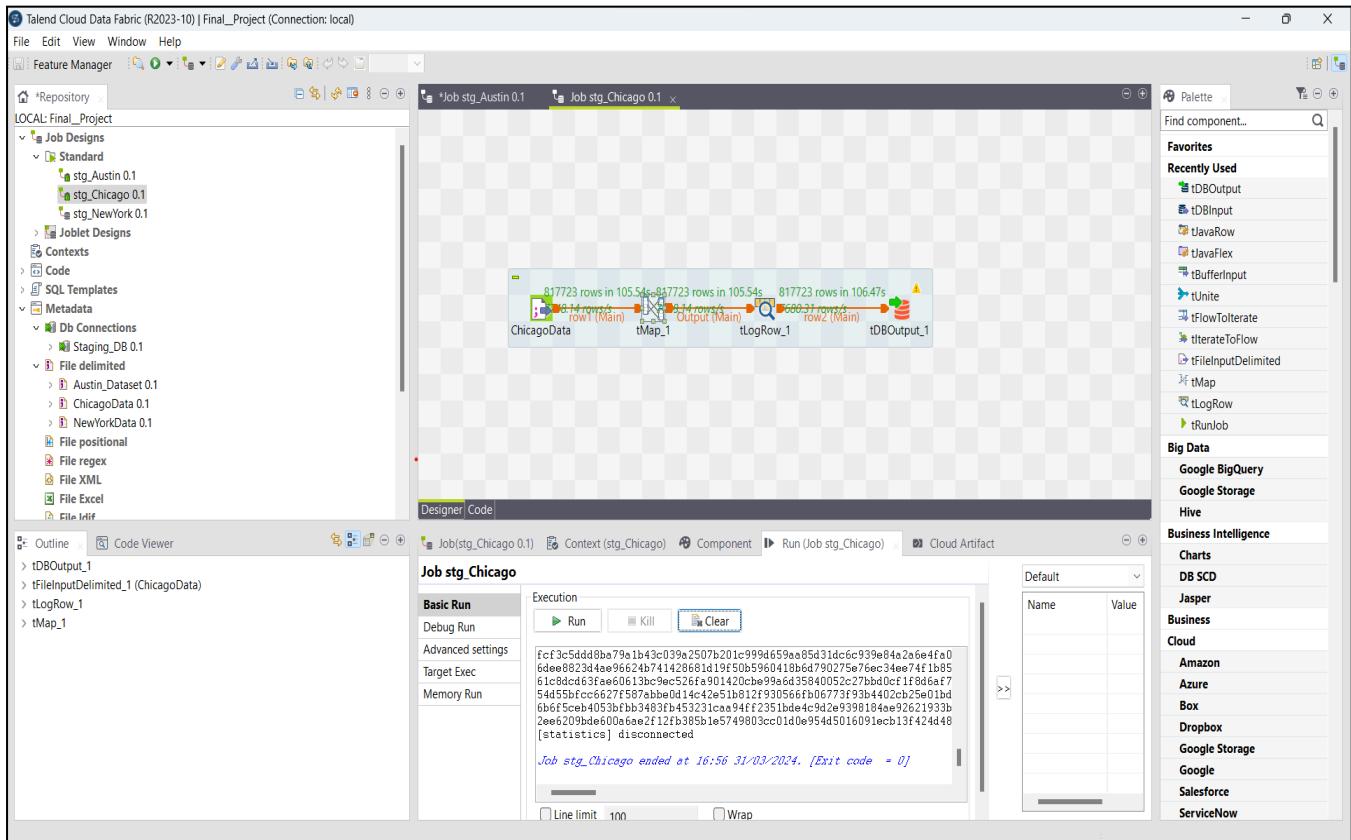
TotalRows
147750

Query executed successfully.

SHUBH (16.0 RTM) | group_19 (68) | Final_Project | 00:01:29 | 1 rows

Ln 3 Col 1 Ch 1 INS

Chicago Stage:



SQLQuery2.sql - SHUBH.Final_Project (group_19 (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

SHUBH (SQL Server 16.0.1000.6 - group_19)

- Databases
 - System Databases
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 - DB_Assignemnt_3
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 - Graph Tables
 - dbo.Austin_Stg
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SQLQuery2.sql - SH...ect (group_19 (68)) * SQLQuery1.sql - SH...ect (group_19 (59))

```
select top 10 * from Chicago_Stg
SELECT COUNT(*) AS TotalRows FROM Austin_Stg;
```

Results Messages

CRASH_RECORD_ID	CRASH_DATE_EST_	CRASH_DATE	POSTED_SPEED_LIMIT	TRAFFIC_CONTROL_DEVICE	DEVICE_CONDITION	WEATHER_CONDITION	LIGHTING_CONDITION
1	6c16590f69e9edc285a50e70d899574ed594c12888479093...	08/19/2023 12:50:00 PM	15	OTHER	FUNCTIONING PROPERLY	CLEAR	DAYLIGHT
2	5f54595ab07b12ae51ac9f63c3a4f2037e798d4106558...	07/29/2023 02:45:00 PM	30	TRAFFIC SIGNAL	FUNCTIONING PROPERLY	CLEAR	DAYLIGHT
3	61fc8181eb522a649b460a2134d31582e1693e9af43d...	08/19/2023 05:58:00 PM	30	NO CONTROLS	NO CONTROLS	CLEAR	DAYLIGHT
4	004cd14d0303a9183aad69azd7341b7da2a5572b2ab33785...	11/26/2019 08:38:00 AM	25	NO CONTROLS	NO CONTROLS	CLEAR	DAYLIGHT
5	a1d50ea90997453654ccb0cc00329a120d89759eac2b02...	08/19/2023 10:45:00 AM	20	NO CONTROLS	NO CONTROLS	CLEAR	DAYLIGHT
6	b23677d59e32b7a469a9e21743b7457e1bd8bc99b14c...	07/29/2023 01:00:00 PM	30	TRAFFIC SIGNAL	FUNCTIONING PROPERLY	CLEAR	DAYLIGHT
7	35196e97cab22747495e2e0bb1657a0e0d043c6d118...	02/06/2023 05:30:00 PM	30	NO CONTROLS	NO CONTROLS	CLEAR	DARKNESS, LIGHTED F...
8	0e208d233440b1b3a9efcd4bb0767a750dd73c397c5c398...	08/13/2023 01:30:00 PM	35	NO CONTROLS	FUNCTIONING PROPERLY	CLEAR	DAYLIGHT
9	14386dade62196d032b71612b2804e4cd38e2899939aae84d...	08/13/2023 12:11:00 AM	30	TRAFFIC SIGNAL	FUNCTIONING PROPERLY	CLEAR	DARKNESS, LIGHTED F...
10	359bf95f872d546bb63576e55b1e0b490de93c2b935ab571d...	01/31/2022 07:45:00 PM	25	NO CONTROLS	NO CONTROLS	CLEAR	DARKNESS

Query executed successfully.

SHUBH (16.0 RTM) | group_19 (68) | Final_Project | 00:00:00 | 10 rows

Ready

SQLQuery2.sql - SHUBH.Final_Project (group_19 (68)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

SHUBH (SQL Server 16.0.1000.6 - group_19)

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SQLQuery2.sql - SH...ect (group_19 (68)) * SQLQuery1.sql - SH...ect (group_19 (59))

```
select top 10 * from Chicago_Stg
SELECT COUNT(*) AS TotalRows FROM Chicago_Stg;
```

Results Messages

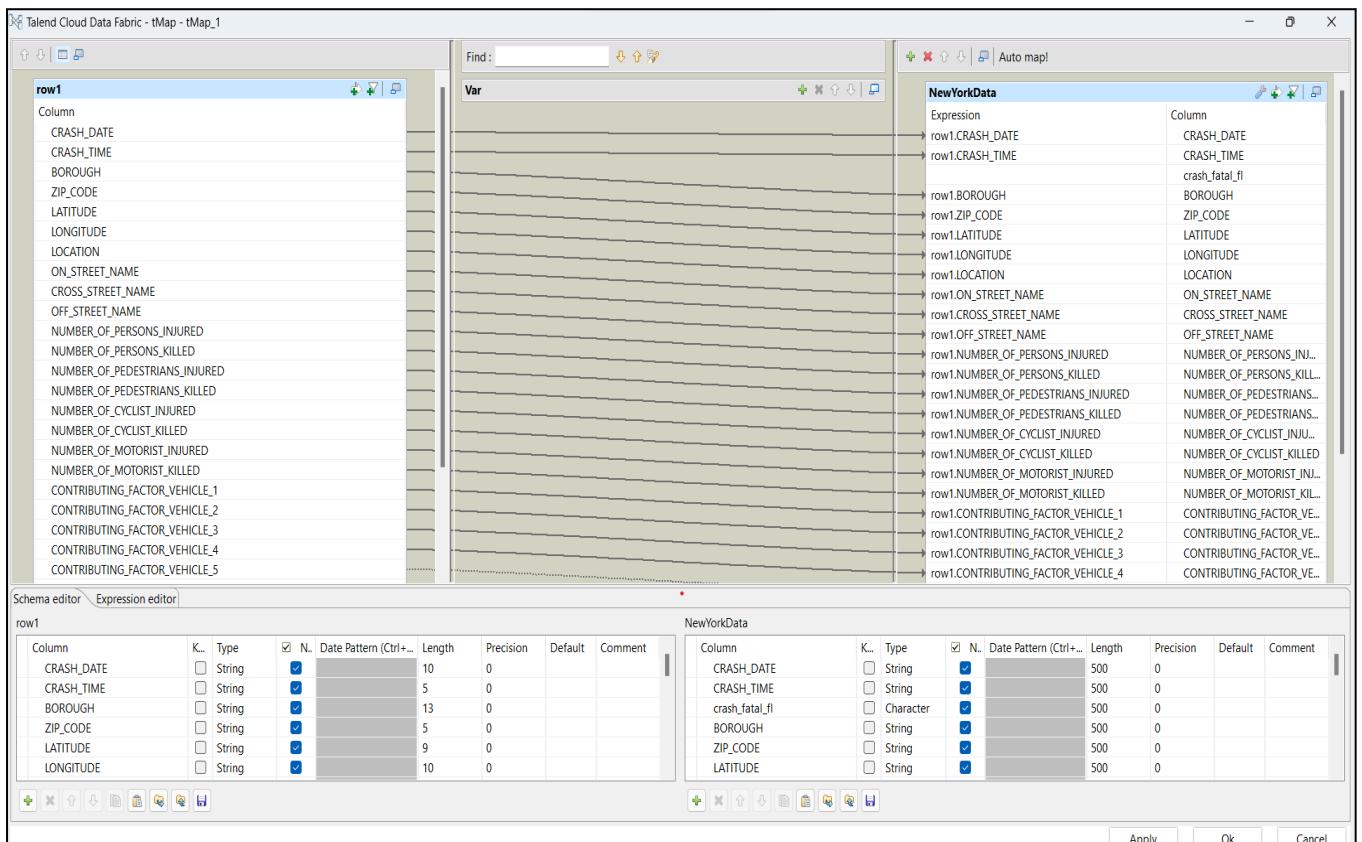
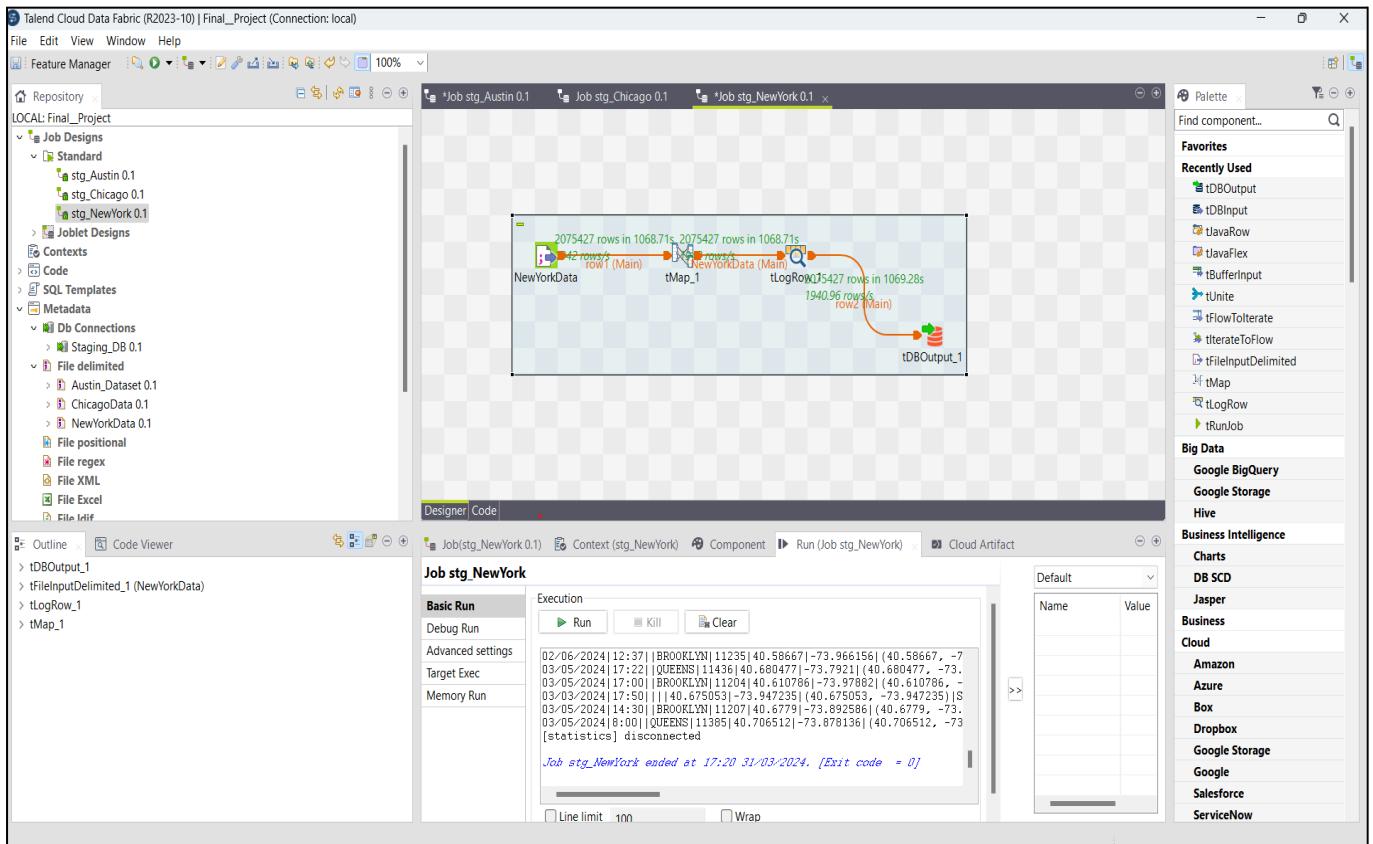
TotalRows
1
817723

Query executed successfully.

SHUBH (16.0 RTM) | gro...

Ready

New York Stage:



SQLQuery2.sql - SHUBH.Final_Project (group_19 (68)* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDW DW EML RPT Execute config

Final_Project

Object Explorer

SQLQuery2.sql - Sh...lect (group_19 (68)) * X

```
select top 10 * from New_York_Stg
```

```
SELECT COUNT(*) AS TotalRows FROM New_York_Stg;
```

Results Messages

	CRASH_DATE	CRASH_TIME	crash_fatal_f	BOROUGH	ZIP_CODE	LATITUDE	LONGITUDE	LOCATION	ON_STREET_NAME	CROSS_STREET_NAME	OFF_STREET_NAME	NUMBER_OF_PERSON
1	01/19/2022	15:40	NULL	MANHATTAN	10011	40.74014	-73.99935	(40.74014,-73.99935)			210 WEST 16 STREET	1
2	10/11/2021	7:19	NULL	QUEENS	11691	40.6081071	-73.7541333	(40.6081071,-73.7541333)	BEACH CHANNEL DRIVE	NAMEOKA AVENUE		3
3	10/11/2021	22:49	NULL	BRONX	10459	40.8301369	-73.8918767	(40.8301369,-73.8918767)	SOUTHERN BOULEVARD	FREEMAN STREET		1
4	10/11/2021	17:00	NULL	BRONX	10459	40.8300576	-73.8864096	(40.8300576,-73.8864096)	WEST FARMS ROAD	BOONE AVENUE		0
5	10/07/2021	9:45	NULL	QUEENS	11691	40.6073763	-73.754178	(40.6073763,-73.754178)			13-72 BEACH CHANNEL DRIVE	0
6	10/07/2021	14:40	NULL	QUEENS	11691	40.6066288	-73.7482855	(40.6066288,-73.7482855)			12-23 CHANNING ROAD	0
7	01/20/2022	14:40	NULL	QUEENS	11434	40.65616	-73.76736	(40.65616,-73.76736)	ROCKAWAY BOULEVARD	BREWER BOULEVARD		1
8	10/09/2021	18:44	NULL	BROOKLYN	11212	40.6579423	-73.9077366	(40.6579423,-73.9077366)	ROCKAWAY AVENUE	LOTT AVENUE		2
9	10/08/2021	15:14	NULL	BROOKLYN	11233	40.6716074	-73.9169427	(40.6716074,-73.9169427)	SARATOGA AVENUE	PARK PLACE		1
10	10/01/2021	17:32	NULL	BROOKLYN	11233	40.6742806	-73.9166906	(40.6742806,-73.9166906)	SARATOGA AVENUE	BERGEN STREET		

Query executed successfully.

SHUBH (16.0 RTM) | group_19 (68) | Final_Project | 00:00:00 | 10 rows

Ready Ln 1 Col 1 Ch 1 INS

SQLQuery2.sql - SHUBH.Final_Project (group_19 (68)* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

New Query MDW DW EML RPT Execute config

Final_Project

Object Explorer

SQLQuery2.sql - Sh...lect (group_19 (68)) * X

```
select top 10 * from New_York_Stg
```

```
SELECT COUNT(*) AS TotalRows FROM New_York_Stg;
```

Results Messages

TotalRows
1
2075427

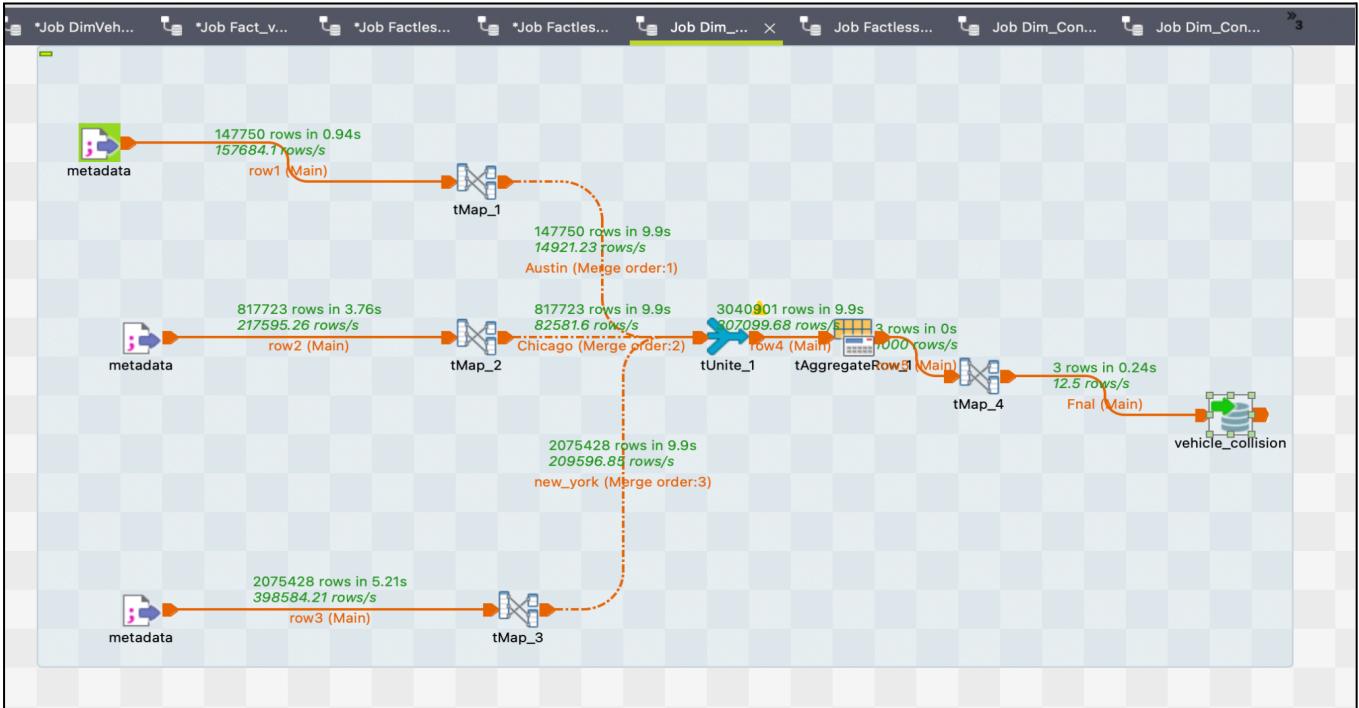
Query executed successfully.

SHUBH (16.0 RTM) | group_19 (68) | Final_Project | 00:00:02 | 1 rows

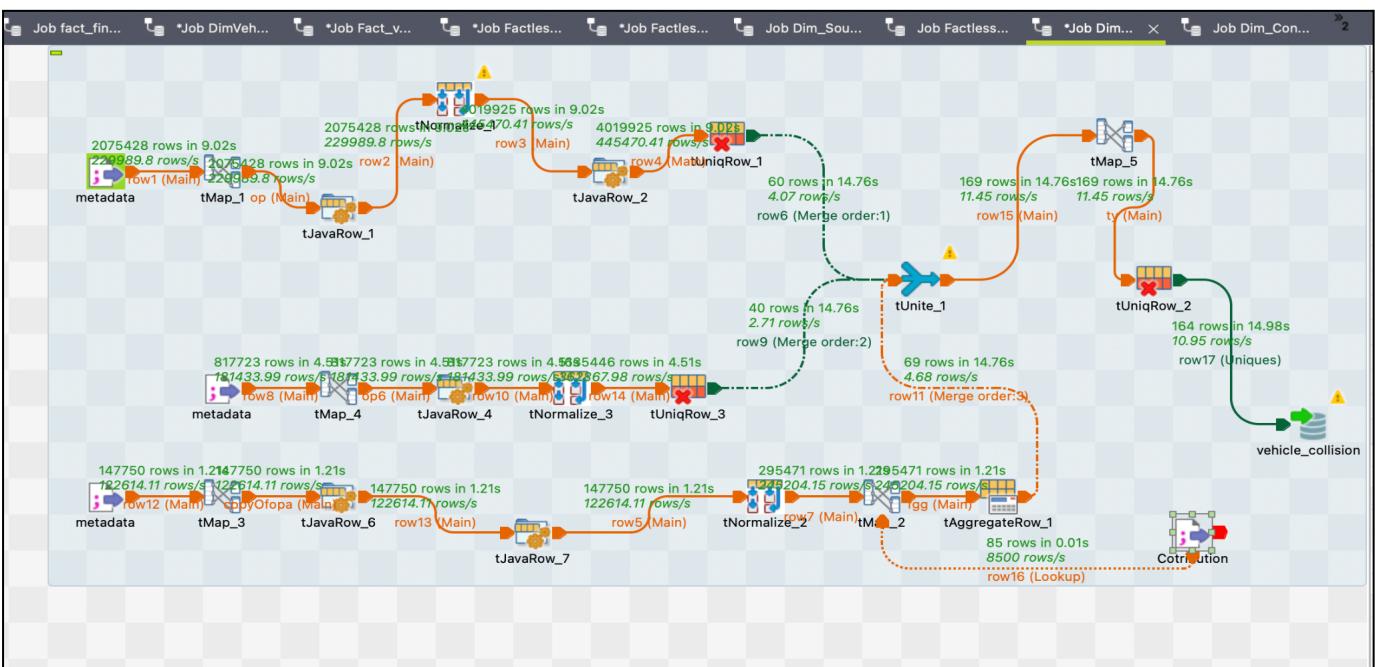
Ready Ln 2 Col 1 Ch 1 INS

Dimensions:

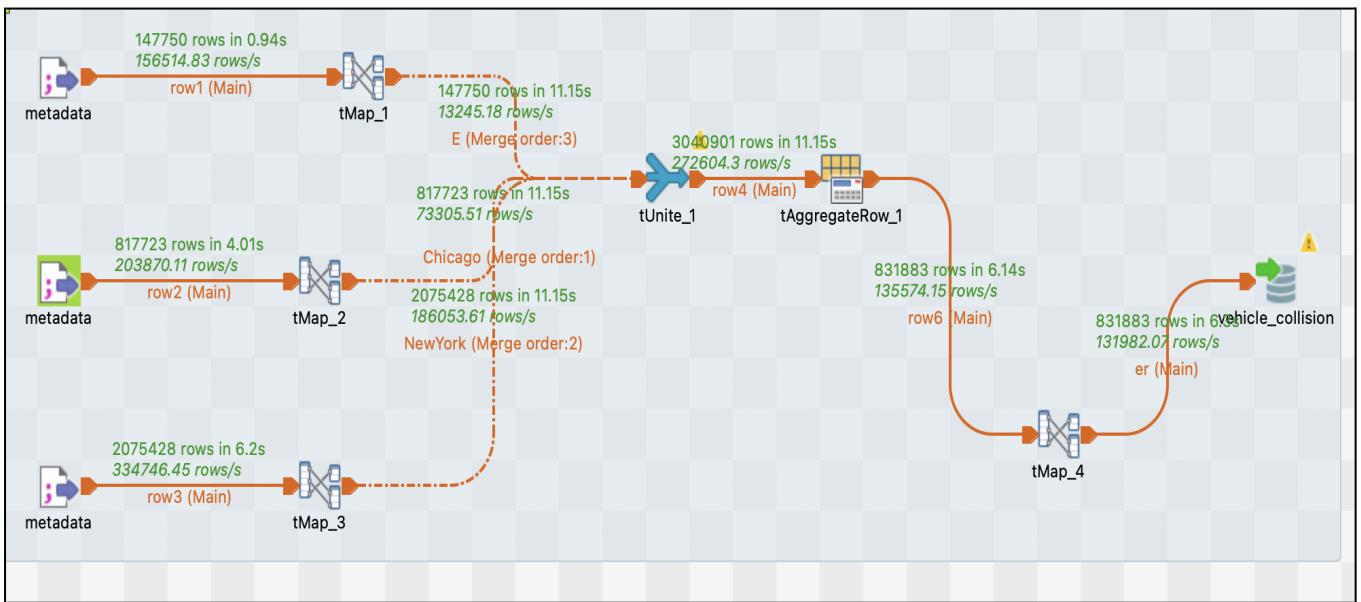
Source Dimension:



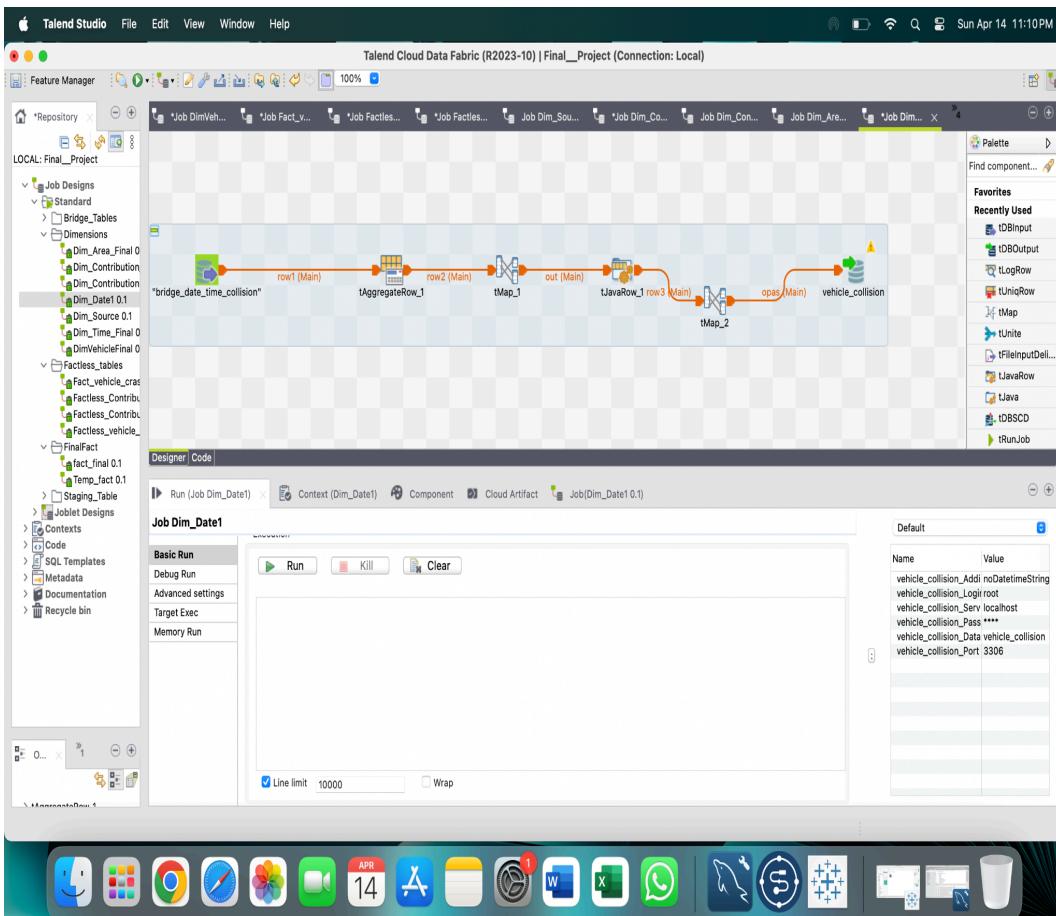
Contribution Dimension:



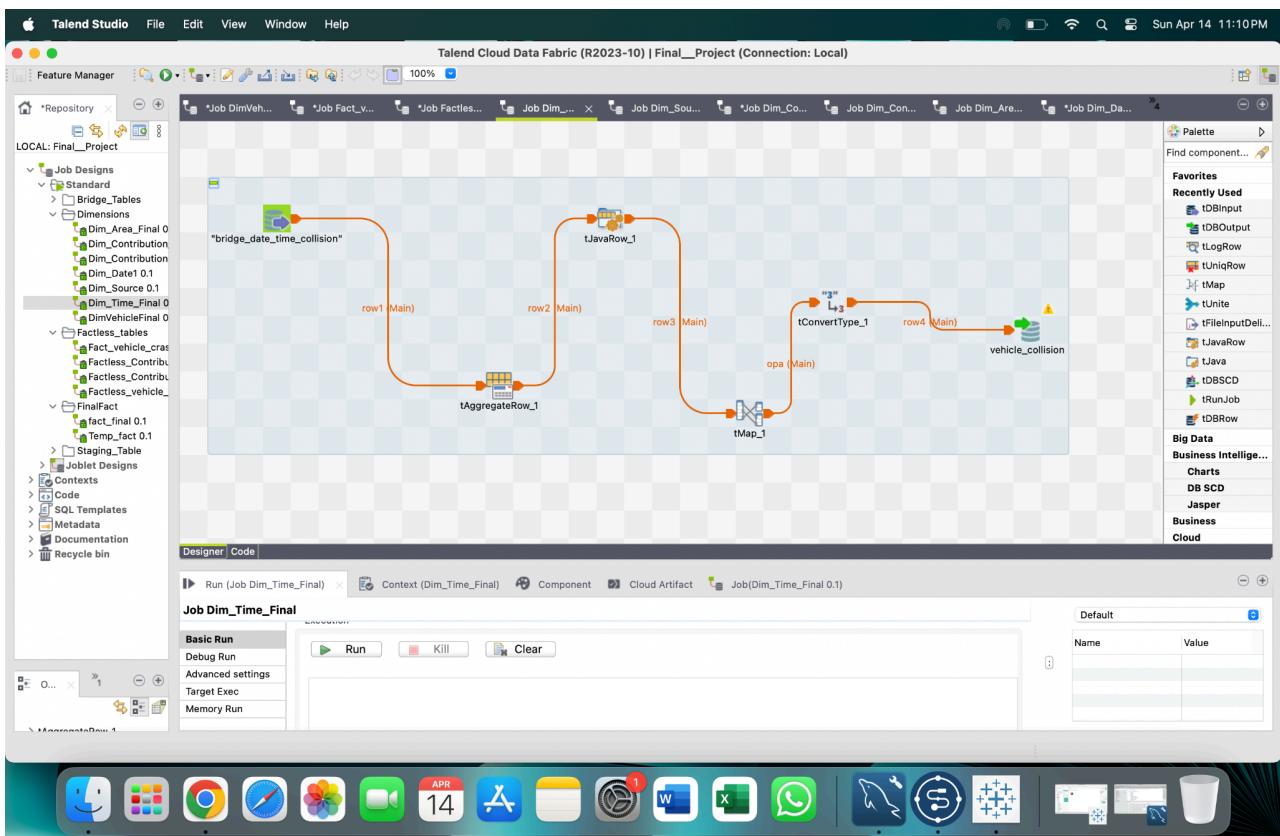
Area Dimension:



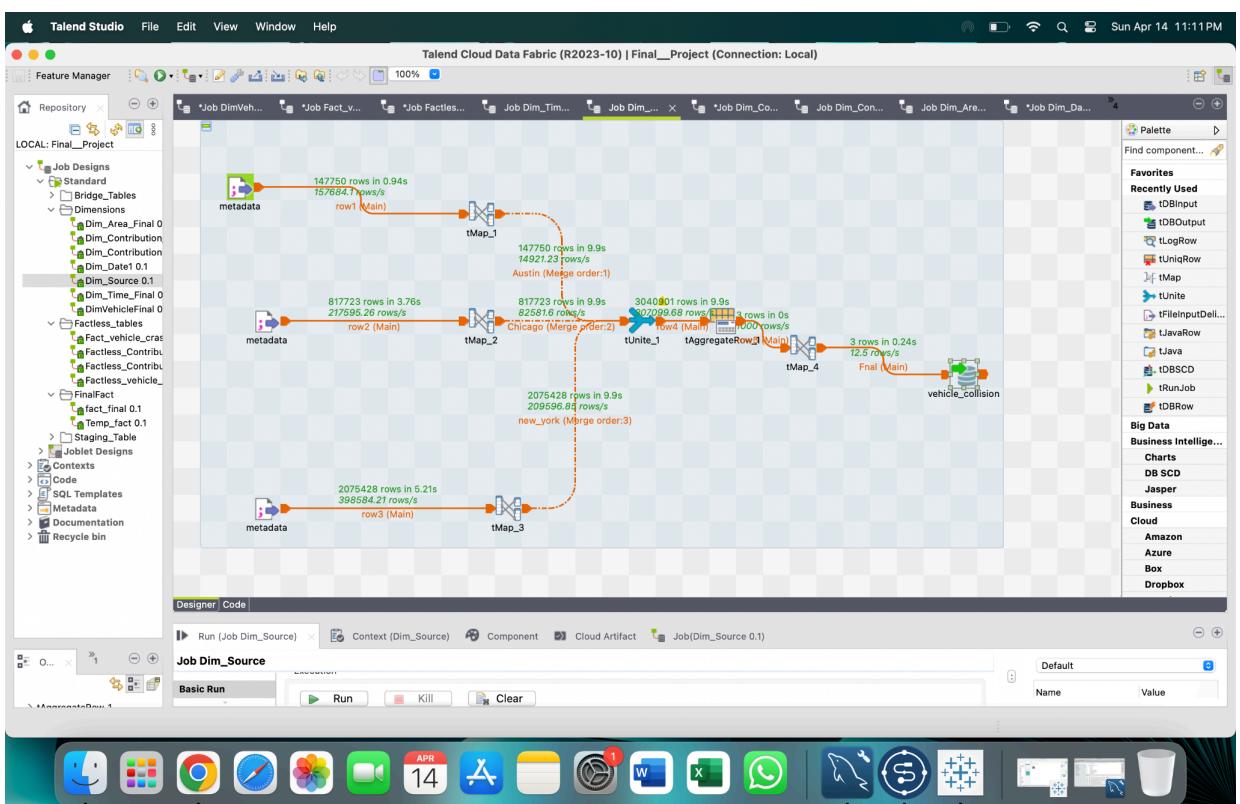
Date Dimension:



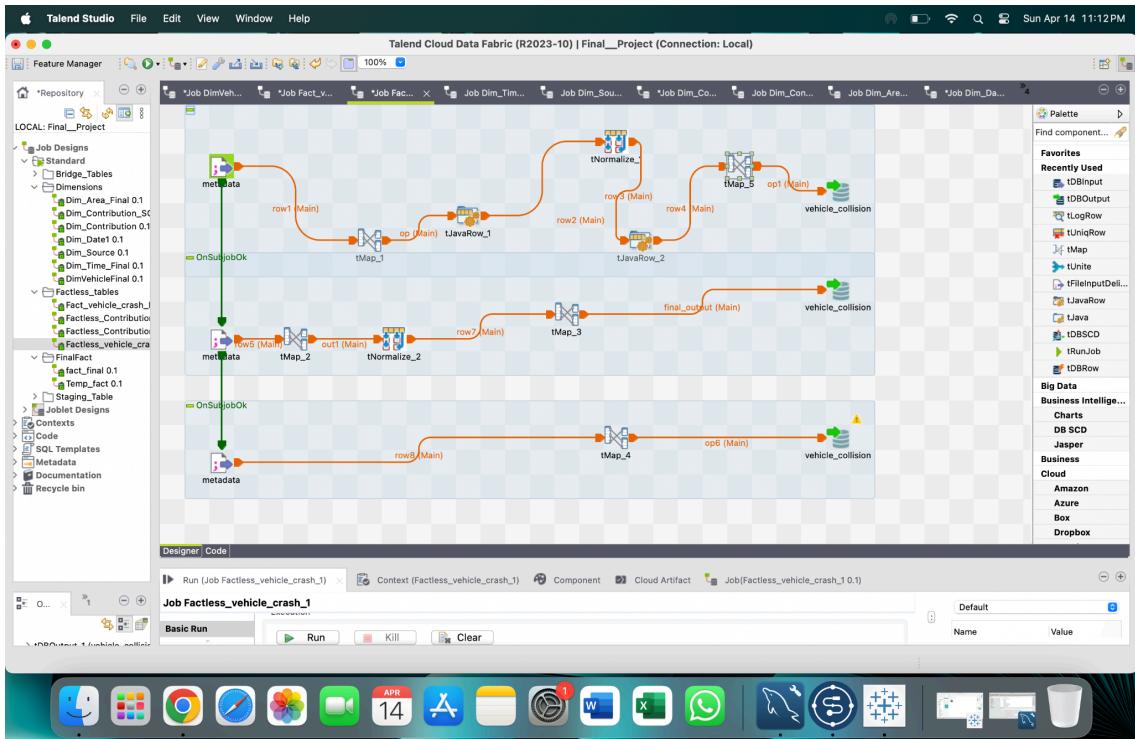
Time Dimension:



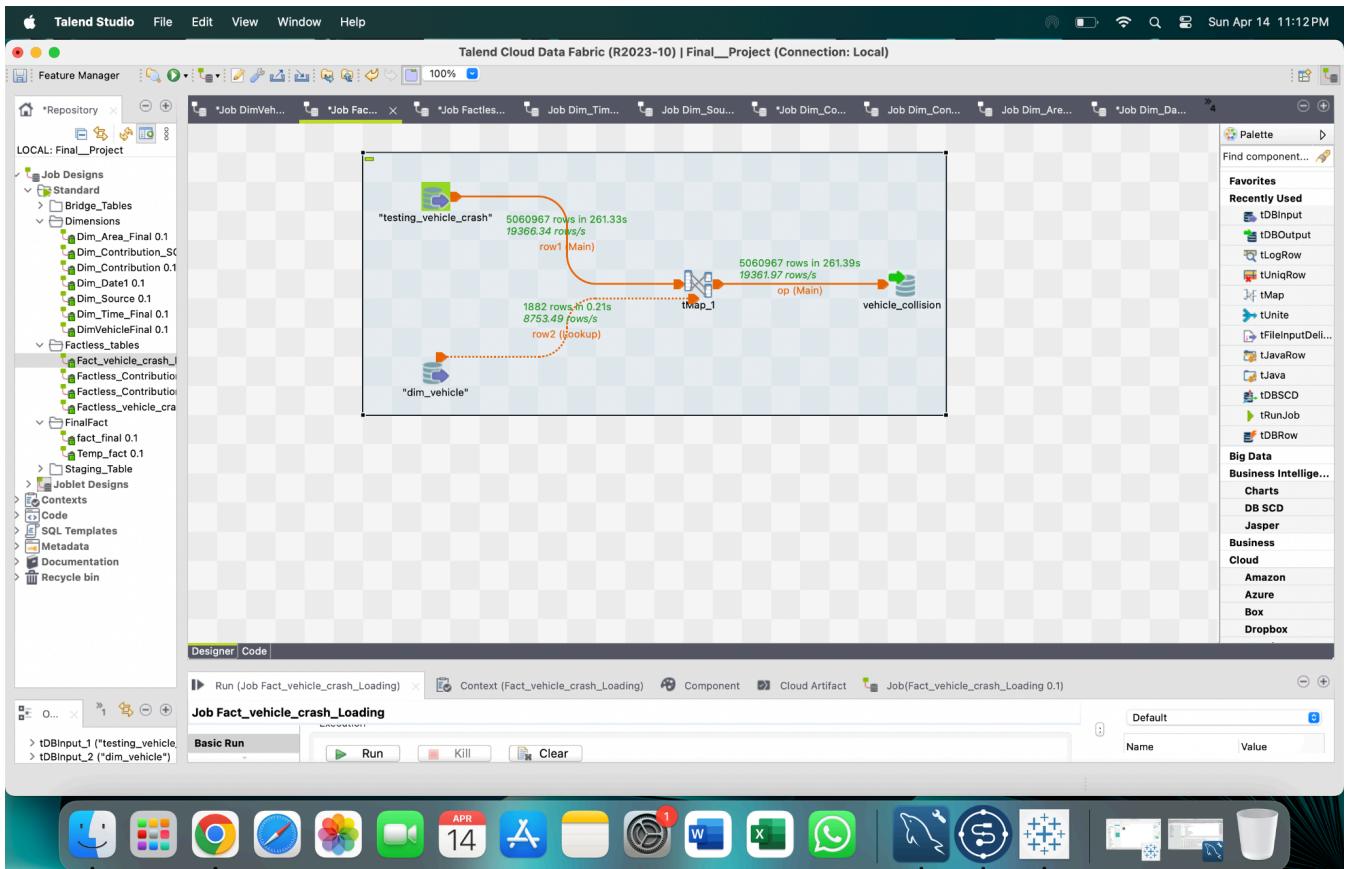
Source Dimension:



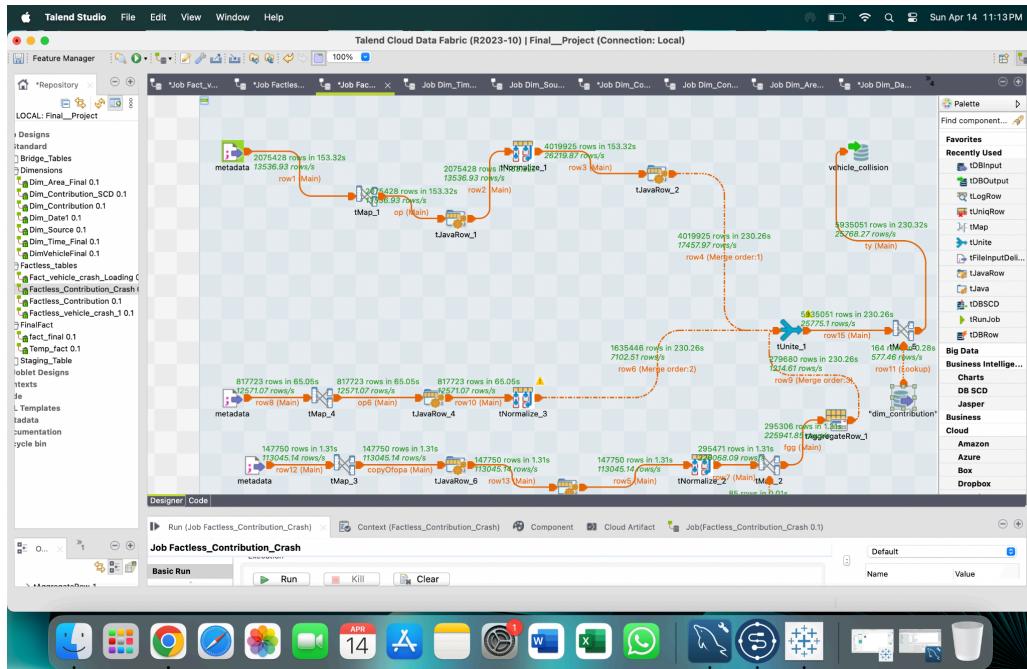
Factless Vehicle Crash -



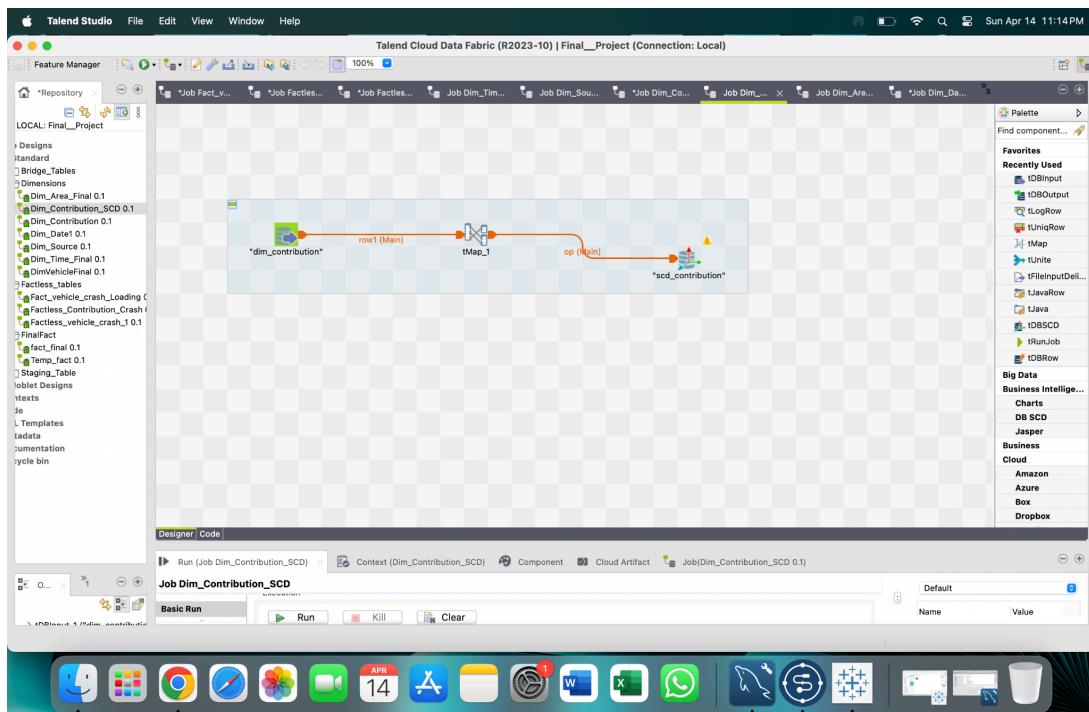
Factless Vehicle Loading-



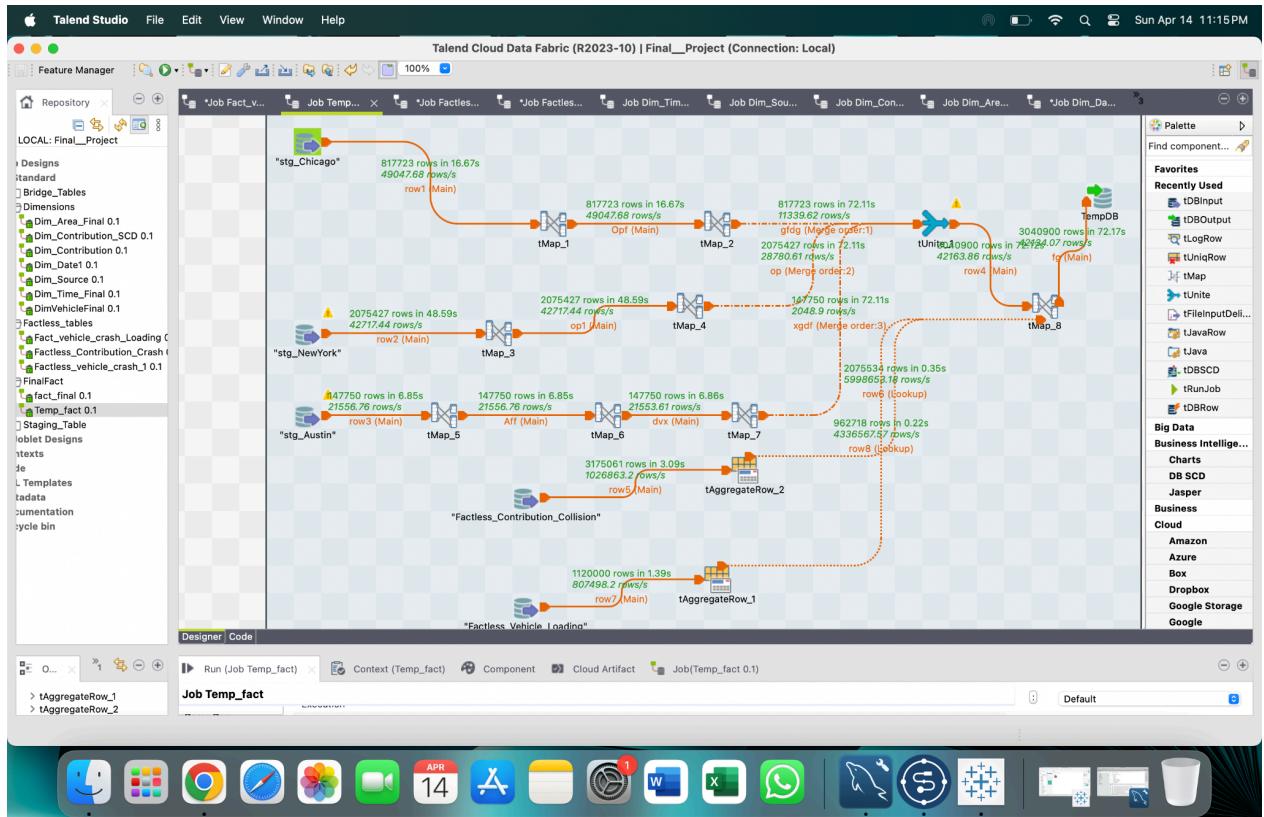
Factless Contribution Crash



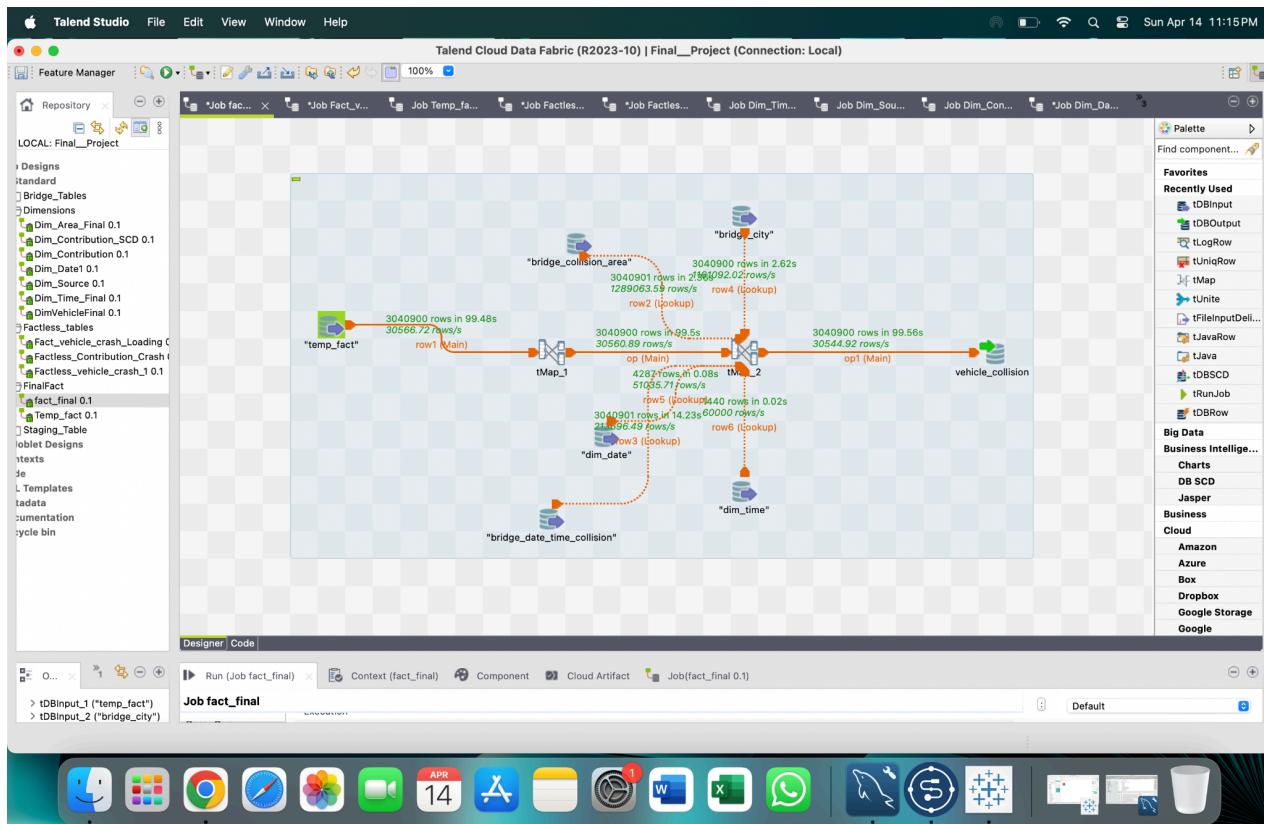
SCD Contribution-



Temp Fact Accident -



FINAL Accident Fact:



SQL:

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help Sun Apr 7 11:47 PM

Administration Schemas

SCHEMAS

new - Warning - not supported

1 • use FinalProject;

2

3 • SELECT * FROM FinalProject.stg_Austin;

4 • SELECT * FROM FinalProject.stg_Chicago;

5 • SELECT * FROM FinalProject.stg_NewYork;

6

7

8 • SELECT * FROM FinalProject.dim_area;

9 • SELECT * FROM FinalProject.dim_city;

10 • SELECT * FROM FinalProject.dim_contribution;

11 • SELECT * FROM FinalProject.dim_date;

12 • SELECT * FROM FinalProject.dim_source;

Result Grid Filter Rows: Export: Fetch rows: Result Grid Form Editor Field Types Query Stats Execution Plan

stg_Austin 13 Read Only

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

crash_id	City_name	crash_fatal...	crash_date	crash_time	case_id	rpt_latitu...	rpt_longitu...	rpt_block_n...	rpt_street_...
13777441	Austin	N	03/28/2014	03:42:00 PM	15:42:00	140871196		8704	
13797332	Austin	N	04/09/2014	02:09:00 PM	14:09:00	140991015		8000	
13795604	Austin	N	04/07/2014	06:00:00 PM	18:00:00	140971248		200	W
13765070	Austin	N	03/31/2014	03:26:00 AM	03:26:00	140900191		8700	S
13790426	Austin	N	04/04/2014	02:34:00 PM	14:34:00	140941160		4000	
13795213	Austin	N	04/18/2014	02:06:00 AM	02:06:00	141080164		1500	E
13786430	Austin	N	04/04/2014	12:11:00 AM	00:11:00	140940020		3400	N
13792606	Austin	N	04/18/2014	10:05:00 AM	10:05:00	141080445		700	S
13803033	Austin	N	04/13/2014	01:06:00 PM	13:06:00	141030908		2100	
13765043	Austin	N	03/28/2014	04:04:00 PM	16:04:00	140871241			
13800672	Austin	N	04/11/2014	12:13:00 PM	12:13:00	141010879		8300	
13792523	Austin	N	04/08/2014	10:00:00 AM	10:00:00	140980602		2900	S
13781584	Austin	N	03/31/2014	08:59:00 AM	08:59:00	140900474		400	E
13773523	Austin	N	04/04/2014	09:14:00 AM	09:14:00	140940563		600	W
13797628	Austin	N	04/10/2014	12:30:00 PM	12:30:00	141000856		2200	S
13767418	Austin	N	04/01/2014	01:10:00 AM	01:10:00	140910083		6300	W
13788264	Austin	N	04/15/2014	08:30:00 AM	08:30:00	141050418		11400	N
13781499	Austin	N	03/29/2014	09:25:00 AM	09:25:00	140880700			
13802545	Austin	N	04/08/2014	08:18:00 PM	20:18:00	140981718			

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help Sun Apr 7 11:47 PM

MySQL Workbench

Schemas Administration Schemas

```

1 • use FinalProject;
2
3 • SELECT * FROM FinalProject.stg_Austin;
4 • SELECT * FROM FinalProject.stg_Chicago;
5 • SELECT * FROM FinalProject.stg_NewYork;
6
7
8 • SELECT * FROM FinalProject.dim_area;
9 • SELECT * FROM FinalProject.dim_city;
10 • SELECT * FROM FinalProject.dim_contribution;
11 • SELECT * FROM FinalProject.dim_date;
12 • SELECT * FROM FinalProject.dim_source;

```

Result Grid Filter Rows: Search Export: Fetch rows: Result Grid Form Editor Field Types Query Stats Execution Plan Read Only

CRASH_RECORD_ID	City_Name	CRASH_DATE_EST_I	CRASH_DATE	POSTED_SPEED_LIMIT
61fc8c1eb522a5469a460e2134df3d15f2e61f...	Chicago	08/18/2023 05:58:00 PM	30	N
004cd14d303a9163aa6d9a27d341b7da2a857...	Chicago	11/26/2019 08:38:00 AM	25	N
ad5f0ea90897745365a4ccb06cc60329a120d8...	Chicago	08/18/2023 10:45:00 AM	20	T
b23677d59e32b7b469a6e2117438b7457e1bd...	Chicago	07/29/2023 01:00:00 PM	30	T
35156c97cab22747495e2e8bb16c57e0e60...	Chicago	02/06/2023 05:30:00 PM	30	T
0e208db2334410d1b3a91cd4bb07676a750dd73...	Chicago	08/13/2023 01:30:00 PM	35	N
14386daec6219c6032b716126280e4c3d8e299...	Chicago	08/13/2023 12:11:00 AM	30	N
359b9f65872064abb6376e55b1e0480d93c2...	Chicago	01/31/2023 07:45:00 PM	25	T
36360857079418cbab1b70cf653595bbfb456...	Chicago	01/01/2023 04:32:00 PM	10	N
9e405b05680e0ab67ca12910d982cb7937ee...	Chicago	09/20/2023 11:00:00 AM	25	N
2cb68641c12294972317d30f0e41bb56e4...	Chicago	10/09/2023 07:15:00 AM	15	N
fda2491d33a8190334aaa7e90120126785b...	Chicago	07/29/2023 12:50:00 AM	30	T
43605c5475779879e882928e0576f748178de...	Chicago	09/20/2023 12:35:00 PM	20	N
21fc8875b67ba819268e0fdff112cd2f6e64...	Chicago	09/20/2023 04:45:00 PM	20	N
8e0113a690b0bc2a300c6633cb5ca291697697...	Chicago	09/20/2023 09:15:00 PM	10	N
37a215843a6f7bd21189722420ab68232583f...	Chicago	10/18/2020 03:58:00 PM	35	S
3b6d23138e31009e54ae5ef25061e9e96fa241d0...	Chicago	12/09/2021 10:30:00 AM	25	T
161f1459c7fffe1359204d1c54db502674fdfb70...	Chicago	09/20/2023 12:57:00 PM	15	N

stg_Chicago 14

Query Completed

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help Sun Apr 7 11:48 PM

MySQL Workbench

Schemas Administration Schemas

```

1 • use FinalProject;
2
3 • SELECT * FROM FinalProject.stg_Austin;
4 • SELECT * FROM FinalProject.stg_Chicago;
5 • SELECT * FROM FinalProject.stg_NewYork;
6
7
8 • SELECT * FROM FinalProject.dim_area;
9 • SELECT * FROM FinalProject.dim_city;
10 • SELECT * FROM FinalProject.dim_contribution;
11 • SELECT * FROM FinalProject.dim_date;
12 • SELECT * FROM FinalProject.dim_source;

```

Result Grid Filter Rows: Search Export: Fetch rows: Result Grid Form Editor Field Types Query Stats Execution Plan Read Only

Area_ID	street_name	latitude	longitude
3	BALCONES CLUB DR BALCONES CLUB DR	30.43798421	-97.78855804
4	US290 N US 290 HWY SVRD EB	30.3276207970184	-97.662608595204
5	US290 N BEN WHITE	30.22515795	-97.76719944
6	IH0035 IH 35 SVRD	30.16984339	-97.78425218
7	FM0973 S FM 973 RD	30.19320516	-97.64740225
8	E ANGEL LN ANDERSON	30.38279476	-97.68822426
9	IH0035 IH 35 N	30.22513303	-97.76851142
10	SL0001 MOPAC	30.22515795	-97.78295937
11	IH0035 N IH 35 SVRD SB	30.2785745242044	-97.7304912979312
12	MIDDLE FISKVILLE RD MIDDLE FISKVILLE	30.37492476	-97.67831247
13	US3163 E BEN WHITE BLVD EB	30.2231866	-97.68831380
14	S 1ST ST 1ST	30.2359998	-97.76349754
15	E ST. JOHNS AVE E ST. JOHNS AVE	30.3242295	-97.70716256
16	W SLAUGHTER LN SLAUGHTER	30.1724548	-97.79963245
17	IH0035 S IH 35 SB	30.23571	-97.74075
18	W WILLIAM CANNON DR WILLIAM CANNON	30.23373062	-97.86476771
19	IH0035 IH 35	30.37819578	-97.67539004
20	QUAIL PARK DR QUAIL PARK DR	30.36387476	-97.70285247
21	LAKELINE BLVD LAKELINE	30.47948327	-97.80300509

dim_area 15

Query Completed

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help Sun Apr 7 11:48PM

MySQL Workbench

Administration Schemas

SCHEMAS

- > dim_time
- > dim_vehicle
- > stg_Austin
- > stg_Chicago
- > stg_NewYork
- > TEST_AUSTIN_BRIDGE
- > TEST_CHICAGO_BRIDGE
- > TEST_NEWYORKVEHICLEBRIDGE
- > Views could not be fetched
- > Stored Procedures could not be fetched
- > Functions could not be fetched
- > JSON_PARSING
- > Midterm_Group_19
- > mysql1
- > new_schema
- > Pratik
- > sys
- > talendquiz
- > TempDatabase
- > Tables
 - > Fact_Accident
 - > Factless_Contribution_Collision
 - > Factless_Vehicle_Loading
- > Views
- > Stored Procedures
- > Functions

1 • use FinalProject;

2

3 • SELECT * FROM FinalProject.stg_Austin;

4 • SELECT * FROM FinalProject.stg_Chicago;

5 • SELECT * FROM FinalProject.stg_NewYork;

6

7

8 • SELECT * FROM FinalProject.dim_area;

9 • SELECT * FROM FinalProject.dim_city;

10 • SELECT * FROM FinalProject.dim_contribution;

11 • SELECT * FROM FinalProject.dim_date;

12 • SELECT * FROM FinalProject.dim_source;

100% 37:9

Result Grid Filter Rows: Search Export: Fetch rows: Result Grid Form Editor Field Types Query Stats Execution Plan Read Only

City_ID	City_Name
1	Austin
2	Austin
3	Austin
4	Austin
5	Austin
6	Austin
7	Austin
8	Austin
9	Austin
10	Austin
11	Austin
12	Austin
13	Austin
14	Austin
15	Austin
16	Austin
17	Austin
18	Austin
19	Austin
...	...

dim_city 16

Query Completed

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help Sun Apr 7 11:48PM

MySQL Workbench

Administration Schemas

SCHEMAS

- > dim_time
- > dim_vehicle
- > stg_Austin
- > stg_Chicago
- > stg_NewYork
- > TEST_AUSTIN_BRIDGE
- > TEST_CHICAGO_BRIDGE
- > TEST_NEWYORKVEHICLEBRIDGE
- > Views could not be fetched
- > Stored Procedures could not be fetched
- > Functions could not be fetched
- > JSON_PARSING
- > Midterm_Group_19
- > mysql1
- > new_schema
- > Pratik
- > sys
- > talendquiz
- > TempDatabase
- > Tables
 - > Fact_Accident
 - > Factless_Contribution_Collision
 - > Factless_Vehicle_Loading
- > Views
- > Stored Procedures
- > Functions

1 • use FinalProject;

2

3 • SELECT * FROM FinalProject.stg_Austin;

4 • SELECT * FROM FinalProject.stg_Chicago;

5 • SELECT * FROM FinalProject.stg_NewYork;

6

7

8 • SELECT * FROM FinalProject.dim_area;

9 • SELECT * FROM FinalProject.dim_city;

10 • SELECT * FROM FinalProject.dim_contribution;

11 • SELECT * FROM FinalProject.dim_date;

12 • SELECT * FROM FinalProject.dim_source;

100% 45:10

Result Grid Filter Rows: Search Export: Result Grid Form Editor Field Types Query Stats Execution Plan Read Only

Contribution_ID	Contributing_Factor
3	Pavement Slippery
4	Following Too Closely
5	Unknown
6	Passing Too Closely
7	Driver Inexperience
8	Passing or Lane Usage Improper
9	Turning Improperly
10	Unsafe Lane Changing
11	Unsafe Speed
12	Reaction to Uninvolved Vehicle
13	Steering Failure
14	Traffic Control Disregarded
15	Other Vehicular
16	Driver Inattention/Distraction
17	Oversized Vehicle
18	Pedestrian/Bicyclist/Other Pede...
19	Alcohol Involvement
20	View Obstructed/Limited
21	Failure to Yield Right-of-Way

dim_contribution 17

Query Completed

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help

MySQL Workbench

Administration Schemas Untitled dim_contribution dim_date dim_source dim_time dim_vehicle stg_Austin stg_Chicago Context... Snippets

SCHEMAS

Filter objects

- > dim_time
- > dim_vehicle
- > stg_Austin
- > stg_Chicago
- > stg_NewYork
- > TEST_AUSTIN_BRIDGE
- > TEST_CHICAGO_BRIDGE
- > TEST_NEWYORKVEHICLEBRIDGE
- > Views could not be fetched
- > Stored Procedures could not be fetched
- > Functions could not be fetched
- > JSON_PARSING
- > Midterm_Group_19
- > mysql1
- > new_schema
- > Pratik
- > sys
- > talendquiz
- > TempDatabase
- > Tables
 - > Fact_Accident
 - > Factless_Contribution_Collision
 - > Factless_Vehicle>Loading
- > Views
- > Stored Procedures
- > Functions

1 • use FinalProject;

2 •

3 • SELECT * FROM FinalProject.stg_Austin;

4 • SELECT * FROM FinalProject.stg_Chicago;

5 • SELECT * FROM FinalProject.stg_NewYork;

6 •

7 •

8 • SELECT * FROM FinalProject.dim_area;

9 • SELECT * FROM FinalProject.dim_city;

10 • SELECT * FROM FinalProject.dim_contribution;

11 • SELECT * FROM FinalProject.dim_date;

12 • SELECT * FROM FinalProject.dim_source;

100% 37/11

Result Grid Filter Rows: Search Export: Fetch rows: Read Only

Date_ID	crash_date
1	03/28/2014 03:42:00 PM
2	04/09/2014 02:09:00 PM
3	04/07/2014 06:00:00 AM
4	03/28/2014 03:42:00 PM
5	04/04/2014 02:34:00 PM
6	04/18/2014 02:06:00 AM
7	04/04/2014 12:11:00 AM
8	04/18/2014 10:05:00 AM
9	04/13/2014 01:06:00 PM
10	03/28/2014 04:04:00 PM
11	04/11/2014 12:13:00 PM
12	04/08/2014 10:00:00 AM
13	03/31/2014 08:59:00 AM
14	04/04/2014 09:14:00 AM
15	04/10/2014 12:30:00 PM
16	04/01/2014 01:10:00 AM
17	04/15/2014 08:30:00 AM
18	03/29/2014 09:25:00 AM
19	04/08/2014 08:18:00 PM
20	
21	

dim_date 18

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help

MySQL Workbench

Administration Schemas Untitled dim_contribution dim_date dim_source dim_time dim_vehicle stg_Austin stg_Chicago Context... Snippets

SCHEMAS

Filter objects

- > dim_time
- > dim_vehicle
- > stg_Austin
- > stg_Chicago
- > stg_NewYork
- > TEST_AUSTIN_BRIDGE
- > TEST_CHICAGO_BRIDGE
- > TEST_NEWYORKVEHICLEBRIDGE
- > Views could not be fetched
- > Stored Procedures could not be fetched
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- > mysql1
- > new_schema
- > Pratik
- > sys
- > talendquiz
- > TempDatabase
- > Tables
 - > Fact_Accident
 - > Factless_Contribution_Collision
 - > Factless_Vehicle>Loading
- > Views
- > Stored Procedures
- > Functions

2 •

3 • SELECT * FROM FinalProject.stg_Austin;

4 • SELECT * FROM FinalProject.stg_Chicago;

5 • SELECT * FROM FinalProject.stg_NewYork;

6 •

7 •

8 • SELECT * FROM FinalProject.dim_area;

9 • SELECT * FROM FinalProject.dim_city;

10 • SELECT * FROM FinalProject.dim_contribution;

11 • SELECT * FROM FinalProject.dim_date;

12 • SELECT * FROM FinalProject.dim_source;

13 • SELECT * FROM FinalProject.dim_time;

100% 39/12

Result Grid Filter Rows: Search Export: Fetch rows: Read Only

Source_ID	Source_Name
3000000	Chicago
3000001	Chicago
3000002	Chicago
3000003	Chicago
3000004	Chicago
3000005	Chicago
3000006	Chicago
3000007	Chicago
3000008	Chicago
3000009	Chicago
3000010	Chicago
3000011	Chicago
3000012	Chicago
3000013	Chicago
3000014	Chicago
3000015	Chicago
3000016	Chicago
3000017	Chicago
3000018	Chicago

dim_source 19

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help

MySQL Workbench

Administration Schemas

Filter objects

```

3 • SELECT * FROM FinalProject.stg_Austin;
4 • SELECT * FROM FinalProject.stg_Chicago;
5 • SELECT * FROM FinalProject.stg_NewYork;
6
7
8 • SELECT * FROM FinalProject.dim_area;
9 • SELECT * FROM FinalProject.dim_city;
10 • SELECT * FROM FinalProject.dim_contribution;
11 • SELECT * FROM FinalProject.dim_date;
12 • SELECT * FROM FinalProject.dim_source;
13 • SELECT * FROM FinalProject.dim_time;
14 • SELECT * FROM FinalProject.dim_vehicle;

```

Result Grid Filter Rows: Search Export: Fetch rows: Read Only

Time_ID	crash_time
147803	15
147804	20
147805	14
147806	9
147807	21
147808	20
147809	12
147810	15
147811	8
147812	9
147813	22
147814	7
147815	17
147816	19
147817	18
147818	15
147819	0
147820	18
147821	18

dim_time 20

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help

MySQL Workbench

Administration Schemas

Filter objects

```

4 • SELECT * FROM FinalProject.stg_Chicago;
5 • SELECT * FROM FinalProject.stg_NewYork;
6
7
8 • SELECT * FROM FinalProject.dim_area;
9 • SELECT * FROM FinalProject.dim_city;
10 • SELECT * FROM FinalProject.dim_contribution;
11 • SELECT * FROM FinalProject.dim_date;
12 • SELECT * FROM FinalProject.dim_source;
13 • SELECT * FROM FinalProject.dim_time;
14 • SELECT * FROM FinalProject.dim_vehicle;
15

```

Result Grid Filter Rows: Search Export: Read Only

Vehicle_type	Vehicle_ID
Oversized Vehicle/Illness	3
Pavement Defective/Pavement Defective/Fatigued/Drowsy	4
Driver Inattention/Distracted/Fell Asleep	5
Driver Inattention/Distracted/Oversized Vehicle/Unspecified	6
Unsafe Speed/Pavement Slippery/Unspecified/Unspecified	7
Other Vehicular/Pavement Slippery/Unspecified	8
Driver Inexperience/Oversized Vehicle	9
Driver Inattention/Distracted/Traffic Control Device Improper/Non-Working	10
Passing or Lane Change Improper/Passenger Distraction/Unspecified	11
Tunnel Vision/Forgets to Keep Right/Unspecified	12
Traffic Control Disregarded/Prescription Medication	13
Lost Consciousness/Other Vehicular/Other Vehicular/Unspecified/Unspecified	14
Unsafe Speed/Following Too Closely	15
Reaction to Other Uninvolved Vehicle/Fatigued/Drowsy	16
Animal Action/Unspecified	17
Unsafe Lane Changing/Brakes Defective/Unspecified	18
Alcohol Involvement/Reaction to Uninvolved Vehicle/Unspecified/Unspecified	19
Driverless/Runaway Vehicle/Unsafe Speed/Unspecified	20
Passing or Lane Usage Improper/Cell Phone (hands-free)	21

dim_vehicle 21

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help

MySQL Workbench

Administration Schemas Untitled SQL1 dim_date dim_source dim_time dim_vehicle stg_Austin stg_Chicago > Context... Snippets

SCHEMAS

Filter objects

```

1 • use TempDatabase
2 ◻ SELECT * FROM TempDatabase.Fact_Accident;
3 • SELECT * FROM TempDatabase.Factless_Contribution_Collision;
4 • SELECT * FROM TempDatabase.Factless_Vehicle_Loading;

```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid Filter Rows: Export: Fetch rows: Result Grid Form Editor Field Types Query Splits

street_name	longitude	City_ID	crash_date	crash_time
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	14	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	15	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	15	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	20	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	14	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	9	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	21	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	20	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	12	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	15	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	8	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	9	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	22	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	7	
3707 MANCHACA RD 3707 MANCHACA	1	03/30/2014 10:58:00 AM	17	

Fact_Accident 2 Read Only

Query Completed

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help

MySQL Workbench

Administration Schemas Untitled SQL1 dim_date dim_source dim_time dim_vehicle stg_Austin stg_Chicago > Context... Snippets

SCHEMAS

Filter objects

```

1 • use TempDatabase
2 ◻ SELECT * FROM TempDatabase.Fact_Accident;
3 • SELECT * FROM TempDatabase.Factless_Contribution_Collision;
4 • SELECT * FROM TempDatabase.Factless_Vehicle_Loading;

```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid Filter Rows: Export: Fetch rows: Result Grid Form Editor Field Types Query Splits

Vehicle_collision_id	COLLISION_ID	Vehicle_type	Vehicle_ID
3938215	13777441	Large passenger vehicle	779
3938216	13797332	Motor vehicle - other	1182
3938217	13795604	Passenger car	384
3938218	13765070	Passenger car	384
3938219	13790426	Passenger car	384
3938220	13795213	Large passenger vehicle	779
3938221	13786430	Passenger car	384
3938222	13792606	Passenger car	384
3938223	13792606	Passenger car	384
3938224	13803033	Large passenger vehicle	779
3938225	13803033	Large passenger vehicle	779
3938226	13765043	Large passenger vehicle	779
3938227	13765043	Passenger car	384
3938228	13800672	Passenger car	384
3938229	13800672	Large passenger vehicle	779

Factless_Vehicle_Loading 3 Read Only

Query Completed

Alteryx Data Profiling Report:



SQL ROW COUNTS -

MySQL Workbench - Sun Apr 14 11:17PM

Administration Schemas

SCHEMAS

Filter objects

- Factless_Contribution_Collision
- Factless_Vehicle_Loading
- temp_fact
- VehicleCrash_Austin
- VehicleCrash_Chicago
- Vehicle_Crash_factless
- VehicleCrash_NY
- Views
- Stored Procedures
- Functions
- vehicle_collision
- Tables
- area_dim
- dim_contribution
- dim_date
- dim_source
- dim_time
- dim_vehicle
- Fact_collision
- factless_contribution_collision
- factless_vehicle_collision
- scd_contribution
- testing_vehicle_crash
- Views
- Stored Procedures
- Functions

Result Grid Filter Rows: Search Export:

COUNT(*)
831883

Action Output

Time	Action	Response
56 23:17:05	SELECT COUNT(*) FROM TempDatabase.bridge_city LIMIT 0, 10000	1 row(s) returned
57 23:17:27	SELECT COUNT(*) FROM TempDatabase.bridge_collision_area LIMIT 0, 10000	1 row(s) returned
58 23:17:47	SELECT * FROM vehicle_collision.area_dim LIMIT 0, 10000	10000 rows(s) returned
59 23:17:53	SELECT COUNT(*) FROM vehicle_collision.area_dim LIMIT 0, 10000	1 row(s) returned

Result 2

Query Completed

This screenshot shows the MySQL Workbench interface on a Mac OS X desktop. The main window displays a query in the SQL editor: 'SELECT COUNT(*) FROM vehicle_collision.area_dim;'. The result grid shows a single row with the value '831883'. Below the result grid, the 'Action Output' pane shows four log entries corresponding to the execution of the query and its components. The status bar at the bottom indicates 'Query Completed'.

MySQL Workbench - Sun Apr 14 11:18PM

Administration Schemas

SCHEMAS

Filter objects

- Factless_Contribution_Collision
- Factless_Vehicle_Loading
- temp_fact
- VehicleCrash_Austin
- VehicleCrash_Chicago
- Vehicle_Crash_factless
- VehicleCrash_NY
- Views
- Stored Procedures
- Functions
- vehicle_collision
- Tables
- area_dim
- dim_contribution
- dim_date
- dim_source
- dim_time
- dim_vehicle
- Fact_collision
- factless_contribution_collision
- factless_vehicle_collision
- scd_contribution
- testing_vehicle_crash
- Views
- Stored Procedures
- Functions

Result Grid Filter Rows: Search Export:

COUNT(*)
1440

Action Output

Time	Action	Response
59 23:17:53	SELECT COUNT(*) FROM vehicle_collision.area_dim LIMIT 0, 10000	1 row(s) returned
60 23:18:09	SELECT COUNT(*) FROM vehicle_collision.dim_contribution LIMIT 0, 10000	1 row(s) returned
61 23:18:20	SELECT COUNT(*) FROM vehicle_collision.dim_DATE LIMIT 0, 10000	1 row(s) returned
62 23:18:29	SELECT COUNT(*) FROM vehicle_collision.dim_TIME LIMIT 0, 10000	1 row(s) returned

Result 5

Query Completed

This screenshot shows the MySQL Workbench interface on a Mac OS X desktop. The main window displays a query in the SQL editor: 'SELECT COUNT(*) FROM vehicle_collision.dim_time;'. The result grid shows a single row with the value '1440'. Below the result grid, the 'Action Output' pane shows four log entries corresponding to the execution of the query and its components. The status bar at the bottom indicates 'Query Completed'.

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help

Schemas

Administration

SCHEMAS

Filter objects

Factless_Contribution_Collision
Factless_Vehicle_Loading
temp_fact
VehicleCrash_Austin
VehicleCrash_Chicago
Vehicle_Crash_factless
VehicleCrash_NY
Views
Stored Procedures
Functions

vehicle_collision

Tables

area_dim
dim_contribution
dim_date
dim_source
dim_time
dim_vehicle
Fact_collision
factless_contribution_collision
factless_vehicle_collision
scd_contribution
testing_vehicle_crash
Views
Stored Procedures
Functions

Result Grid

Limit to 10000 rows

1 • SELECT COUNT(*) FROM vehicle_collision.dim_vehicle;

100% 16:1

Result Grid Filter Rows: Search Export:

COUNT(*)

1882

Action Output

Time Action Response

61 23:18:20 SELECT COUNT(*) FROM vehicle_collision.dim_date LIMIT 0, 10000 1 row(s) returned

62 23:18:29 SELECT COUNT(*) FROM vehicle_collision.dim_time LIMIT 0, 10000 1 row(s) returned

63 23:19:12 SELECT * FROM vehicle_collision.dim_vehicle LIMIT 0, 10000 1882 row(s) returned

64 23:19:17 SELECT COUNT(*) FROM vehicle_collision.dim_vehicle LIMIT 0, 10000 1 row(s) returned

Query Completed

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

The screenshot shows the MySQL Workbench interface on a Mac OS X desktop. The main window displays a query results grid for the 'dim_vehicle' table, which contains a single row with a value of 1882. Below the grid is an 'Action Output' pane showing four log entries corresponding to the execution of various SELECT statements. The status bar at the bottom indicates 'Query Completed'. The Mac OS X dock is visible at the bottom, showing various application icons.

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help

Schemas

Administration

SCHEMAS

Filter objects

Factless_Contribution_Collision
Factless_Vehicle_Loading
temp_fact
VehicleCrash_Austin
VehicleCrash_Chicago
Vehicle_Crash_factless
VehicleCrash_NY
Views
Stored Procedures
Functions

vehicle_collision

Tables

area_dim
dim_contribution
dim_date
dim_source
dim_time
dim_vehicle
Fact_collision
factless_contribution_collision
factless_vehicle_collision
scd_contribution
testing_vehicle_crash
Views
Stored Procedures
Functions

Result Grid

Limit to 10000 rows

1 • SELECT COUNT(*) FROM vehicle_collision.factless_contribution_collision;

100% 16:1

Result Grid Filter Rows: Search Export:

COUNT(*)

5935051

Action Output

Time Action Response

63 23:19:12 SELECT * FROM vehicle_collision.dim_vehicle LIMIT 0, 10000 1882 row(s) returned

64 23:19:17 SELECT COUNT(*) FROM vehicle_collision.dim_vehicle LIMIT 0, 10000 1 row(s) returned

65 23:19:31 SELECT * FROM vehicle_collision.factless_contribution_collision LIMIT 0, 10000 10000 row(s) returned

66 23:19:37 SELECT COUNT(*) FROM vehicle_collision.factless_contribution_collision LIMIT... 1 row(s) returned

Query Completed

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

This screenshot is identical to the one above, showing the MySQL Workbench interface on a Mac OS X desktop. It displays the same query results grid for the 'factless_contribution_collision' table, which has a single row with a value of 5935051. The 'Action Output' pane shows the same four log entries as the previous screenshot. The status bar indicates 'Query Completed'. The Mac OS X dock is visible at the bottom.

MySQL Workbench - Sun Apr 14 11:20PM

Schemas

- Factless_Contribution_Collision
- Factless_Vehicle_Loading
- temp_fact
- VehicleCrash_Austin
- VehicleCrash_Chicago
- Vehicle_Crash_factless
- VehicleCrash_NY
- Views
- Stored Procedures
- Functions
- vehicle_collision**
- Tables
- area_dim
- dim_contribution
- dim_date
- dim_source
- dim_time
- dim_vehicle
- Fact_collision
- factless_contribution_collision
- factless_vehicle_collision
- scd_contribution**
- testing_vehicle_crash
- Views
- Stored Procedures
- Functions

1 • `SELECT * FROM vehicle_collision.scd_contribution;`

Contribution_ID	Contribution_SK	Contributing_Factor	DL_Process_ID	DL_Workflow_FileName	DL_CreateDate	is1_start	is1_end	is_active
2	2	Driver Inexperience	CNWKje	Contribution_Dim/pratik	2024-04-12	9999-12-31	1	
3	3	Pavement Slippery	CNWKje	Contribution_Dim/pratik	2024-04-12	9999-12-31	1	
4	4	Following Too Closely	CNWKje	Contribution_Dim/pratik	2024-04-12	9999-12-31	1	
5	5	Unknown	CNWKje	Contribution_Dim/pratik	2024-04-12	9999-12-31	1	
6	6	Passing Too Closely	CNWKje	Contribution_Dim/pratik	2024-04-12	9999-12-31	1	
7	7	Driver Inexperience	CNWKje	Contribution_Dim/pratik	2024-04-12	9999-12-31	1	
8	8	Passing or Lane Usage I...	CNWKje	Contribution_Dim/pratik	2024-04-12	9999-12-31	1	
9	9	Turning Improperly	CNWKje	Contribution_Dim/pratik	2024-04-12	9999-12-31	1	
10	10	Unsafe Lane Changing	CNWKje	Contribution_Dim/pratik	2024-04-12	9999-12-31	1	
11	11	Unsafe Speed	CNWKje	Contribution_Dim/pratik	2024-04-12	9999-12-31	1	

Action Output

Time	Action	Response
64	23:19:17	SELECT COUNT(*) FROM vehicle_collision.dim_vehicle LIMIT 0, 10000 1 row(s) returned.

Query Completed

MySQL Workbench - Sun Apr 14 11:20PM

Schemas

- Factless_Contribution_Collision
- Factless_Vehicle_Loading
- temp_fact
- VehicleCrash_Austin
- VehicleCrash_Chicago
- Vehicle_Crash_factless
- VehicleCrash_NY
- Views
- Stored Procedures
- Functions
- vehicle_collision**
- Tables
- area_dim
- dim_contribution
- dim_date
- dim_source
- dim_time
- dim_vehicle
- Fact_collision
- factless_contribution_collision
- factless_vehicle_collision
- scd_contribution**
- testing_vehicle_crash
- Views
- Stored Procedures
- Functions

1 • `SELECT * FROM vehicle_collision.testing_vehicle_crash;`

crash_id	Vehicle_type	DL_Process_ID	DL_Workflow_FileName	DL_CreateDate
445000	Sedan	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4513547	Sedan	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4520000	Sedan	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4541903	Pick-up Truck	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4456214	Sedan	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4466609	Unknown	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4407458	Dump	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4407458	Sedan	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4486555	Sedan	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4486555	Tractor Truc...	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4486660	Sedan	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4486660	Sedan	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18
4487074	Sedan	dwe86J	factless_vehicle/pratik	2024-04-13 21:36:18

Action Output

Time	Action	Response
68	23:20:12	SELECT * FROM vehicle_collision.testing_vehicle_crash LIMIT 0, 10000 10000 row(s) returned.

Query Completed

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help Sun Apr 14 11:20PM

MySQL Workbench

Administration Schemas

SCHEMAS

Filter objects

- > Factless_Contribution_Collision
- > Factless_Vehicle_Loading
- > temp_fact
- > VehicleCrash_Austin
- > VehicleCrash_Chicago
- > Vehicle_Crash_factless
- > VehicleCrash_NY

Views

Stored Procedures

Functions

vehicle_collision

Tables

- > area_dim
- > dim_contribution
- > dim_date
- > dim_source
- > dim_time
- > dim_vehicle
- > Fact_collision
- > factless_contribution_collision
- > factless_vehicle_collision
- > scd_contribution
- > testing_vehicle_crash

Views

Stored Procedures

Functions

Result Grid Filter Rows: Search Export: Fetch rows: Result Grid Form Editor Field Types Gallery

1 • SELECT * FROM vehicle_collision.Fact_collision;

Limit to 10000 rows

100% 48:1

crash_id	city_id	Area_ID	date_id	time_id	Person_Killed_count	Person_Injured_count
61fc8c1e1b522a64690460e2134d...	2	196284	1271	180100	0	0
a04cd14d3030a9f63aa069a2cf73...	2	783794	555	53800	0	0
a1000a9a089774363643cb00cc...	2	783794	1271	104800	0	0
b9200000000000000000000000000...	2	407151	55	194000	0	0
3515eae97fa0c274749a59a9b...	2	783794	577	173500	0	0
0e208e23344f01fb3a0fe4dbb76...	2	380731	1864	194000	0	0
14386faee6219c6032b71612b28...	2	406659	1954	1100	0	0
359ff9f5872d849bb3576e55b1e...	2	675864	80	195800	0	0
36360b57c079418cbab1d70c65...	2	523788	2409	163200	0	0
9e40505058000c0667ca12910d98...	2	98172	3635	112000	0	0
2cb86641c12294972517da3d0f...	2	783794	1771	72000	0	0
fd052869e9273fe20bbbf8f47940...	2	412332	2413	135500	0	0
fda2491d33ac8190334aa7ed90...	2	746494	56	190000	0	0
436fc5c475778879e882928e0576...	2	783794	3635	123500	0	0

Fact_collision 1 Read Only

Query Completed

MySQL Workbench File Edit View Query Database Server Tools Scripting Help Sun Apr 14 11:20PM

MySQL Workbench

Administration Schemas

SCHEMAS

Filter objects

- > Factless_Contribution_Collision
- > Factless_Vehicle_Loading
- > temp_fact
- > VehicleCrash_Austin
- > VehicleCrash_Chicago
- > Vehicle_Crash_factless
- > VehicleCrash_NY

Views

Stored Procedures

Functions

vehicle_collision

Tables

- > area_dim
- > dim_contribution
- > dim_date
- > dim_source
- > dim_time
- > dim_vehicle
- > Fact_collision
- > factless_contribution_collision
- > factless_vehicle_collision
- > scd_contribution
- > testing_vehicle_crash

Views

Stored Procedures

Functions

Result Grid Filter Rows: Search Export: Result Grid Form Editor Field Types Gallery

1 • SELECT COUNT(*) FROM vehicle_collision.Fact_collision;

Limit to 10000 rows

100% 16:1

COUNT(*)
3040900

Result 2 1 Read Only

Query Completed

SQL SCHEMA-

MySQLWorkbench File Edit View Query Database Server Tools Scripting Help

MySQL Workbench

new - Warning - not supported new - Warning - not supported new (final_project) - Warning - not supported

Administration Schemas

SCHEMAS

Filter objects

- > Factless_Contribution_Collision
- > Factless_Vehicle_Loading
- > temp_fact
- > VehicleCrash_Austin
- > VehicleCrash_Chicago
- > Vehicle_Crash_factless
- > VehicleCrash_NY
- Views
- Stored Procedures
- Functions

vehicle_collision

Tables

- > area_dim
- > dim_contribution
- > dim_date
- > dim_source
- > dim_time
- > dim_vehicle
- > Fact_collision
- > factless_contribution_collision
- > factless_vehicle_collision
- > scd_contribution
- > testing_vehicle_crash

Views

Stored Procedures

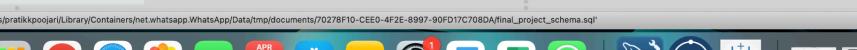
Functions

bridge_city # bridge_city # final_project_schema # bridge_city # area_dim # dim_vehicle # factless_contribution_collision >

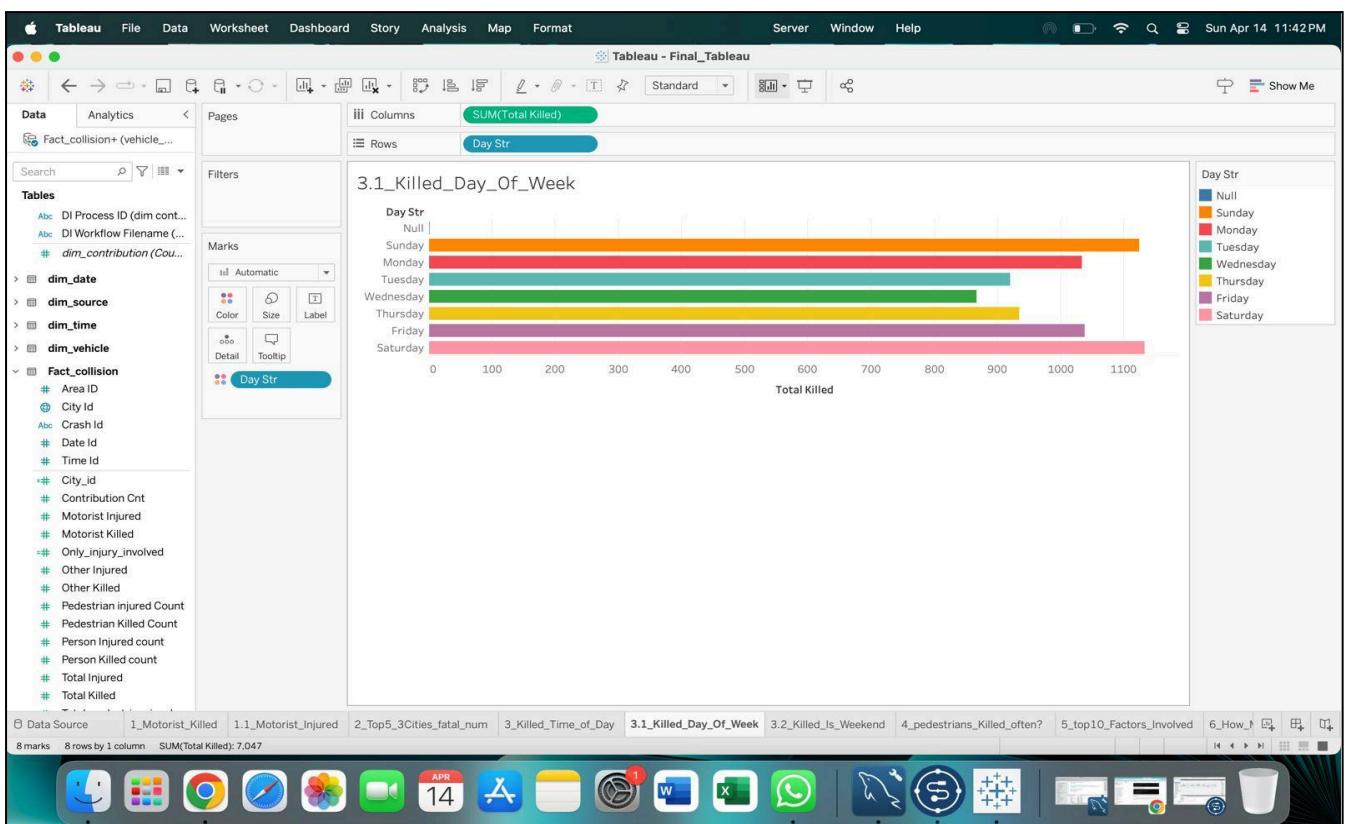
Limit to 10000 rows

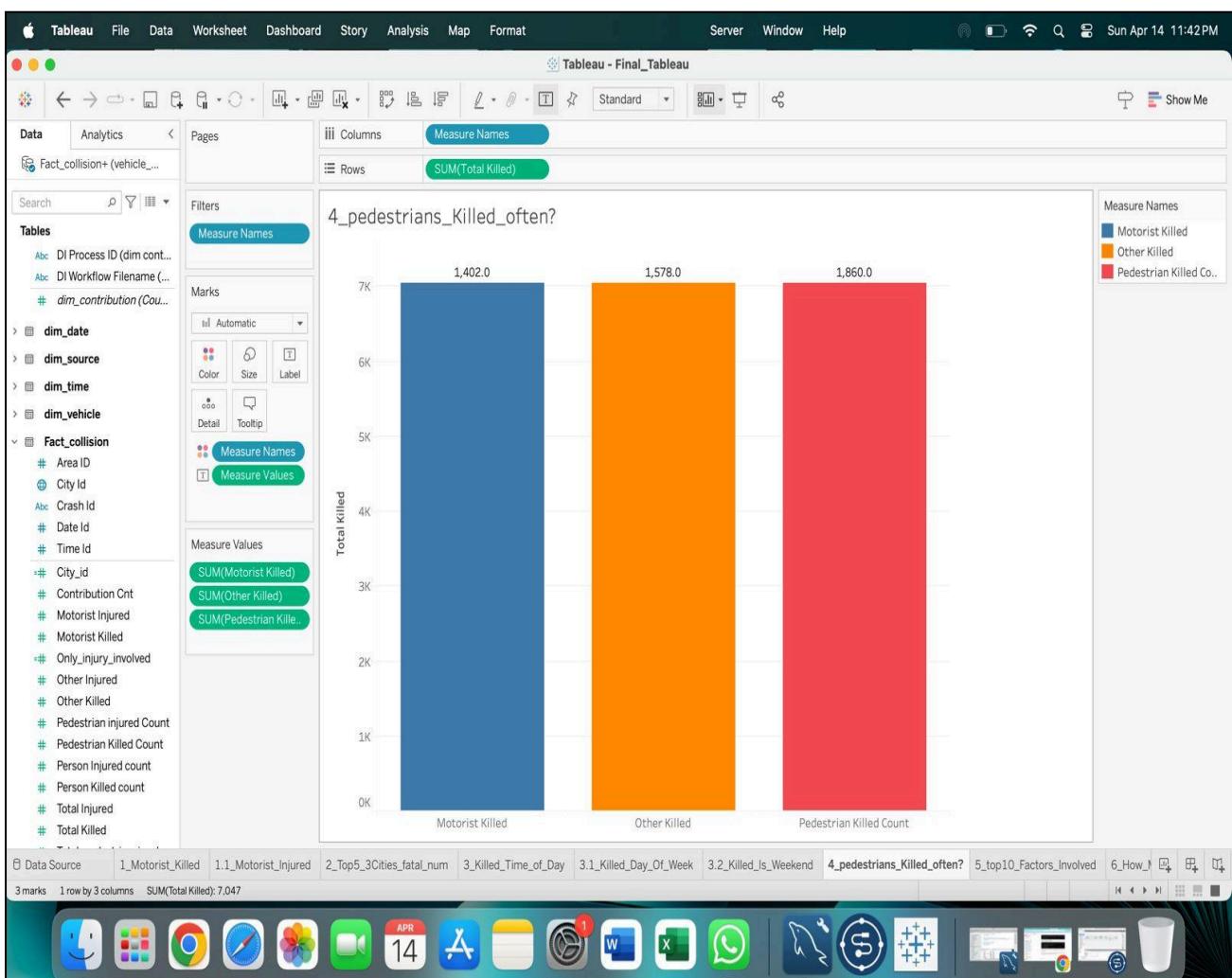
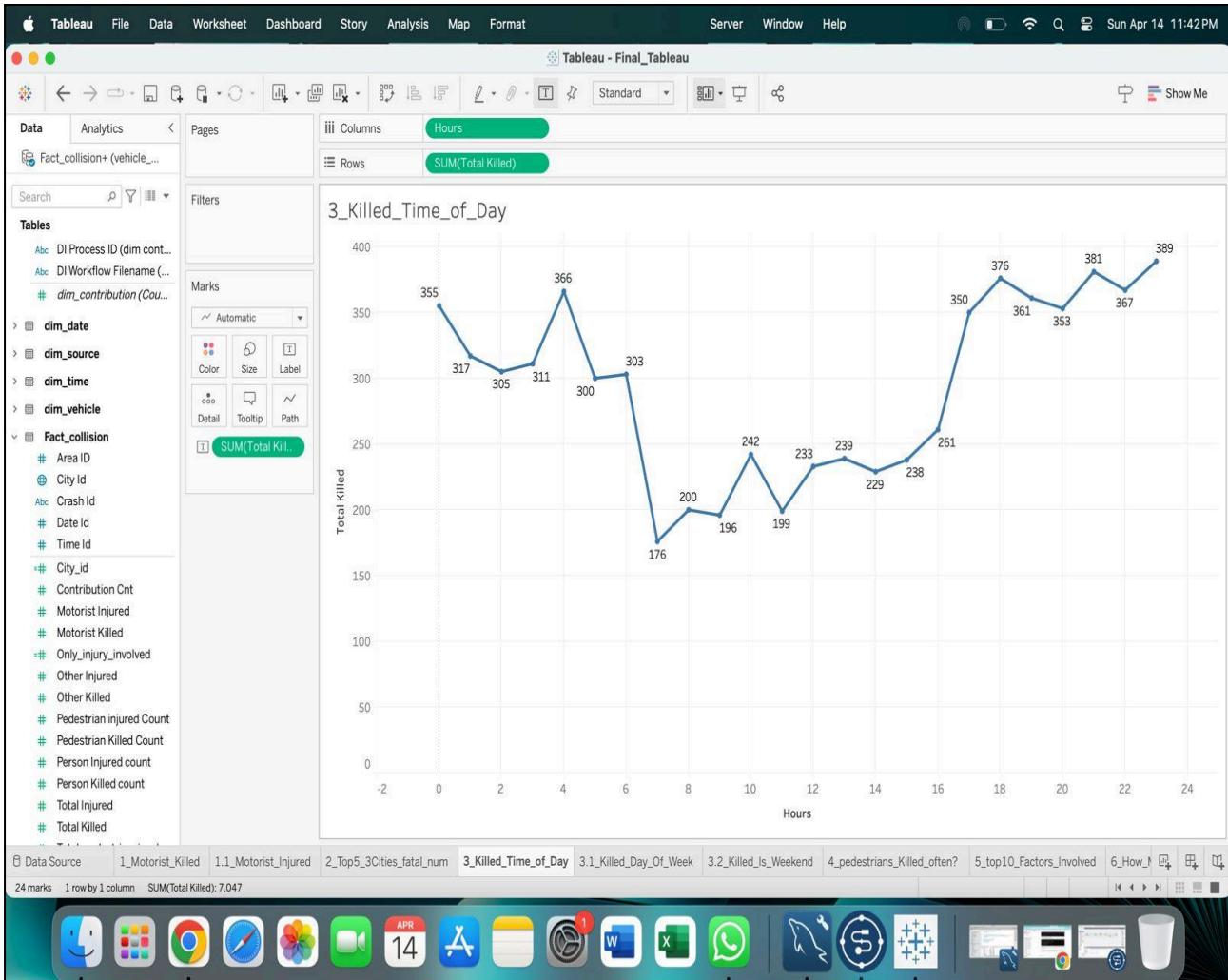
28
29
30 Zip_Code VARCHAR(20),
31 DI_Process_ID INT,
32 DI_Workflow_Filename VARCHAR(500),
33 DI_Create_Date TIMESTAMP,
34 FOREIGN KEY (City_ID) REFERENCES City_Dim(City_ID) -- Added foreign key reference to City_Dim
35);
36
37 -- City_Dim Table
38 CREATE TABLE City_Dim (
39 City_ID INT AUTO_INCREMENT PRIMARY KEY,
40 City_Name VARCHAR(100),
41 DI_Process_ID INT,
42 DI_Workflow_Filename VARCHAR(500),
43 DI_Create_Date TIMESTAMP
44);
45
46 -- Date_Dim Table
47 CREATE TABLE Date_Dim (
48 Date_ID INT AUTO_INCREMENT PRIMARY KEY,
49 Date DATE,
50 Year YEAR,
51 Month INT,
52 Season VARCHAR(500),
53 Is_Weekend BOOLEAN,
54 Quarter INT,
55 DI_Process_ID INT,
56 DI_Workflow_Filename VARCHAR(1000),
57 DI_Create_Date TIMESTAMP
58);
59
100% 42:8 1 error found

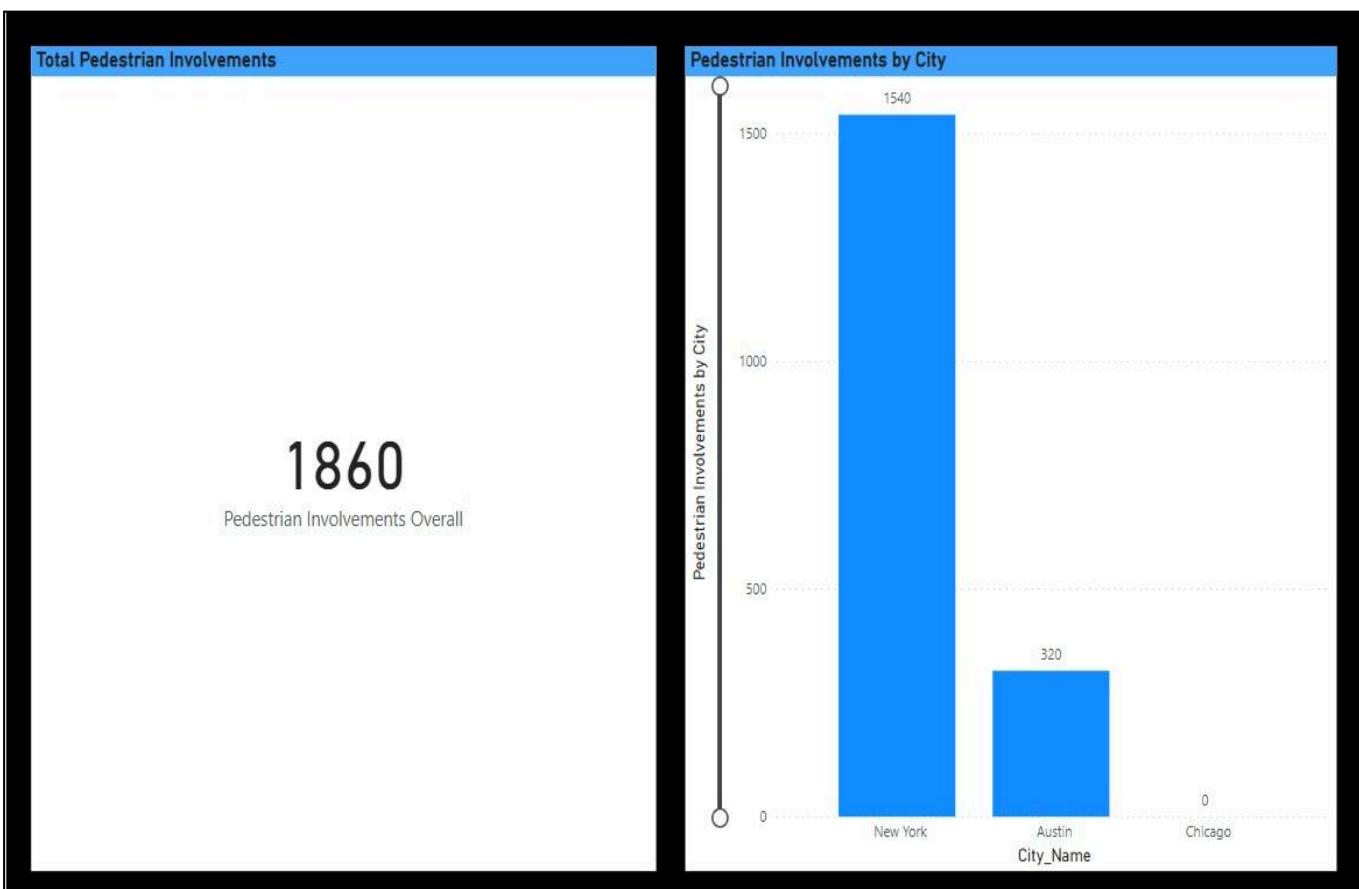
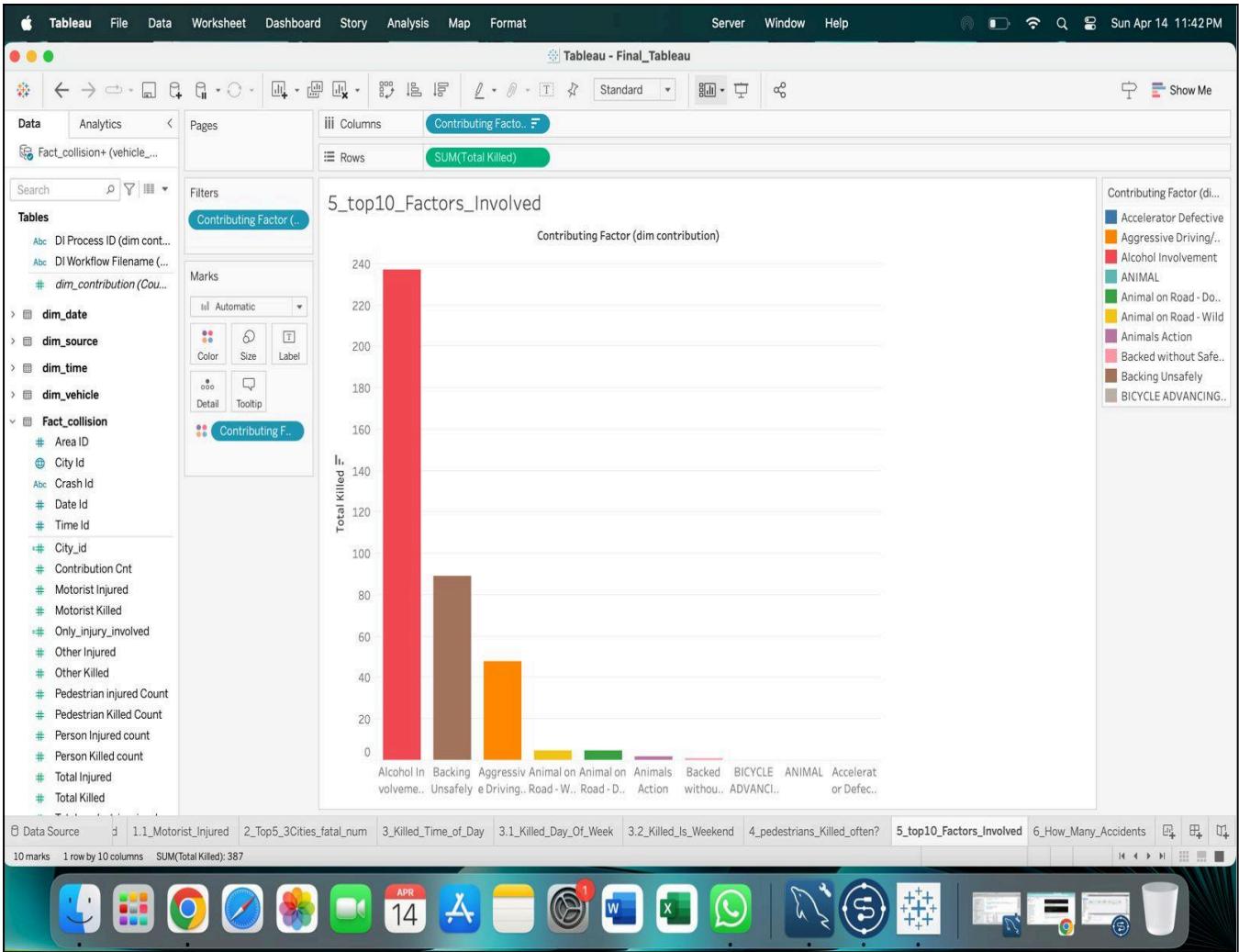
SQL script saved to '/Users/pratikkpoojari/Library/Containers/net.whatsapp.WhatsApp/Data/tmp/documents/70278F10-CEE0-4F2E-8997-90FD17C708DA/final_project_schema.sql'

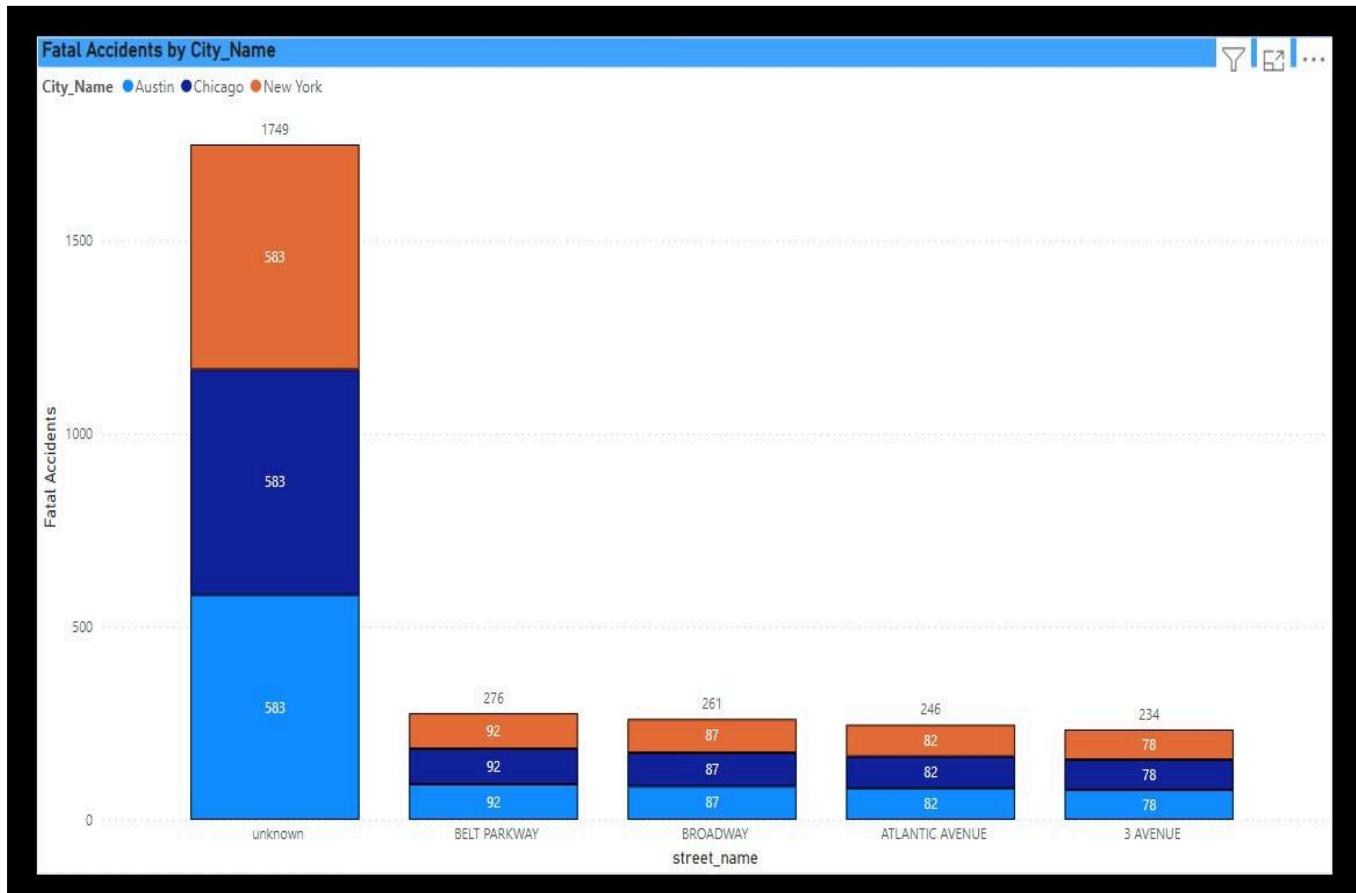


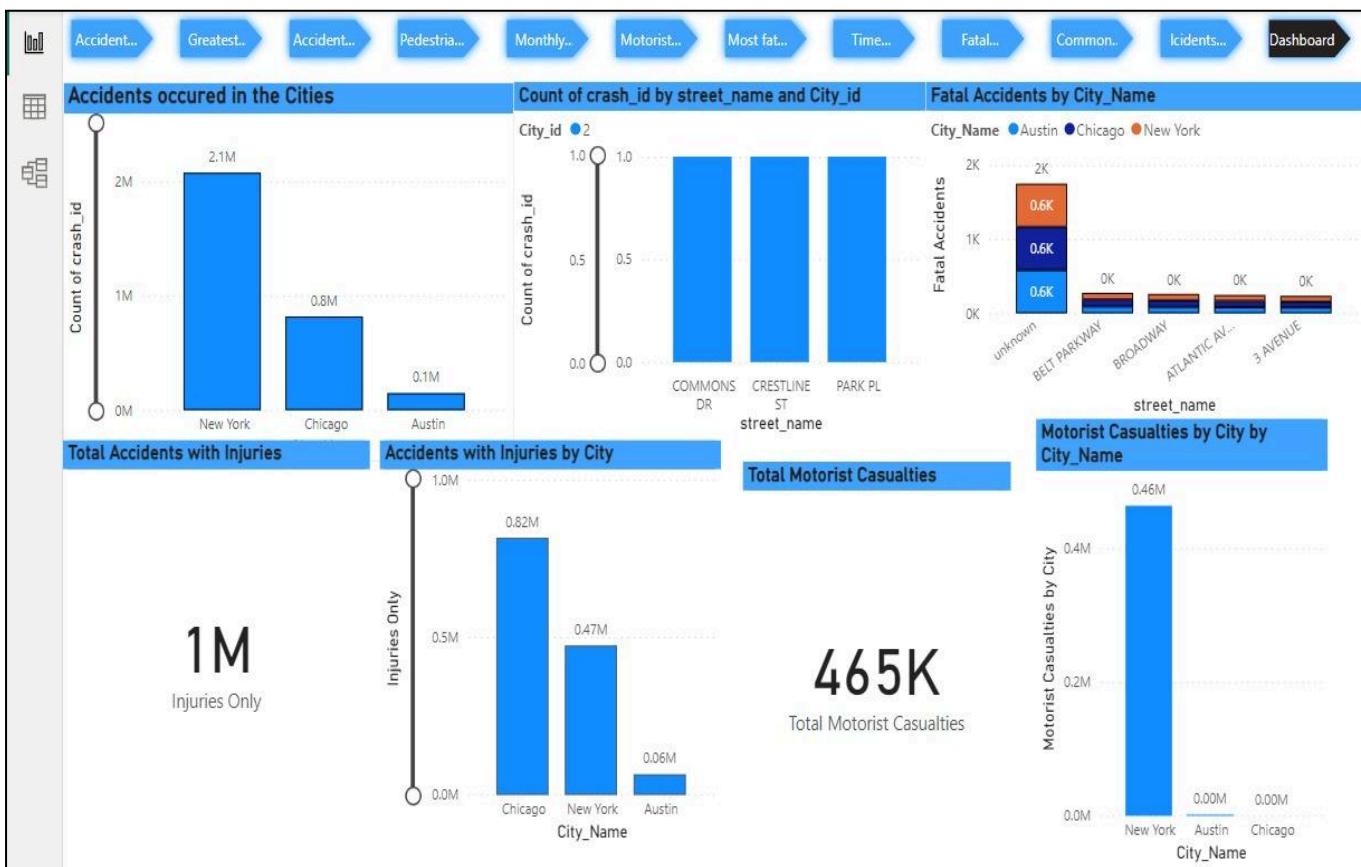
Visualisations:











Thank You