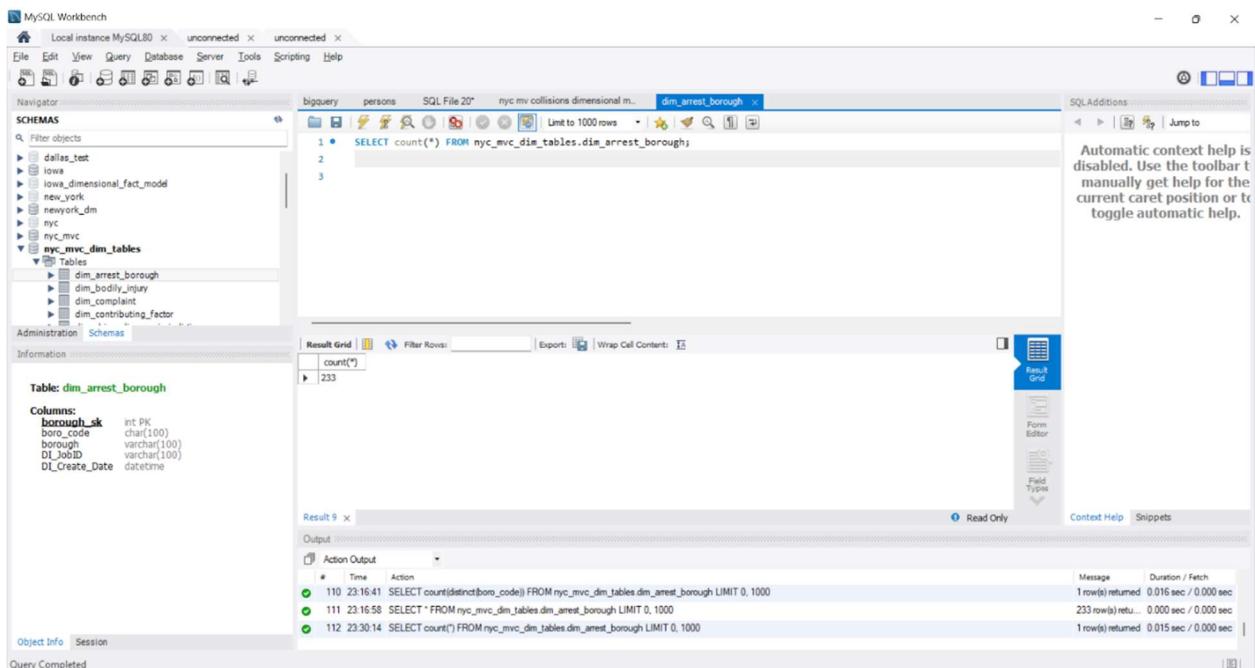
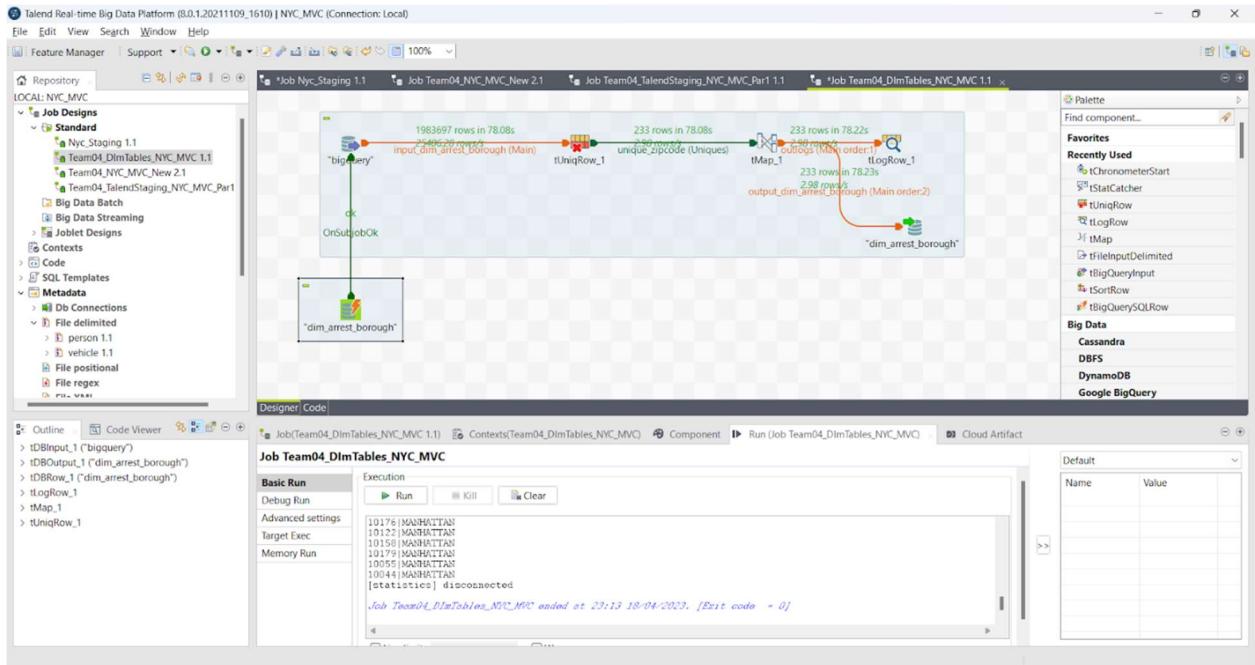


## Talend Jobs Screenshots:

### Dimension Tables:

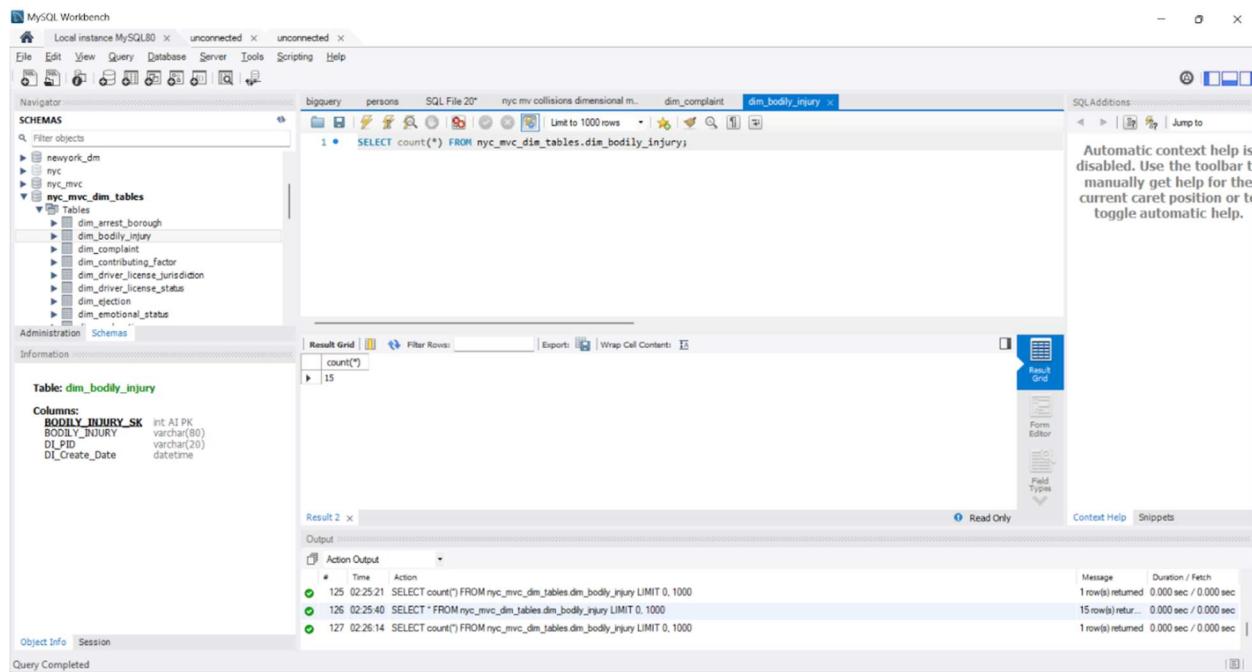
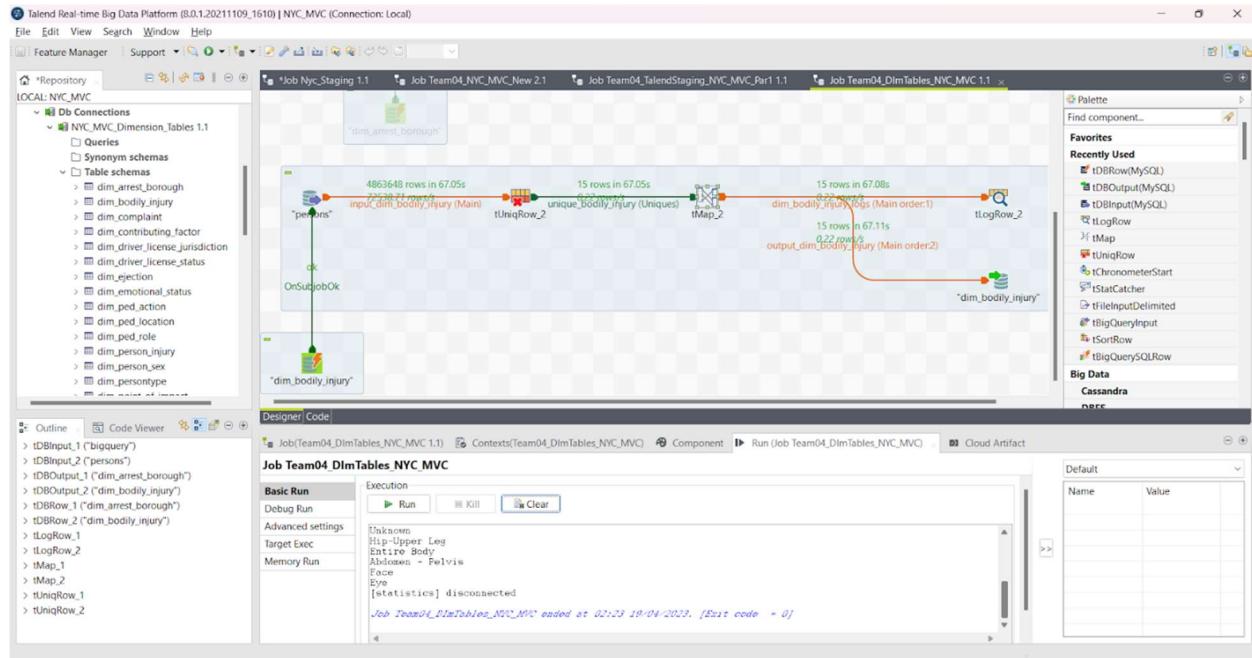
#### 1. Dim\_arrest\_borough

Total Row count - 233



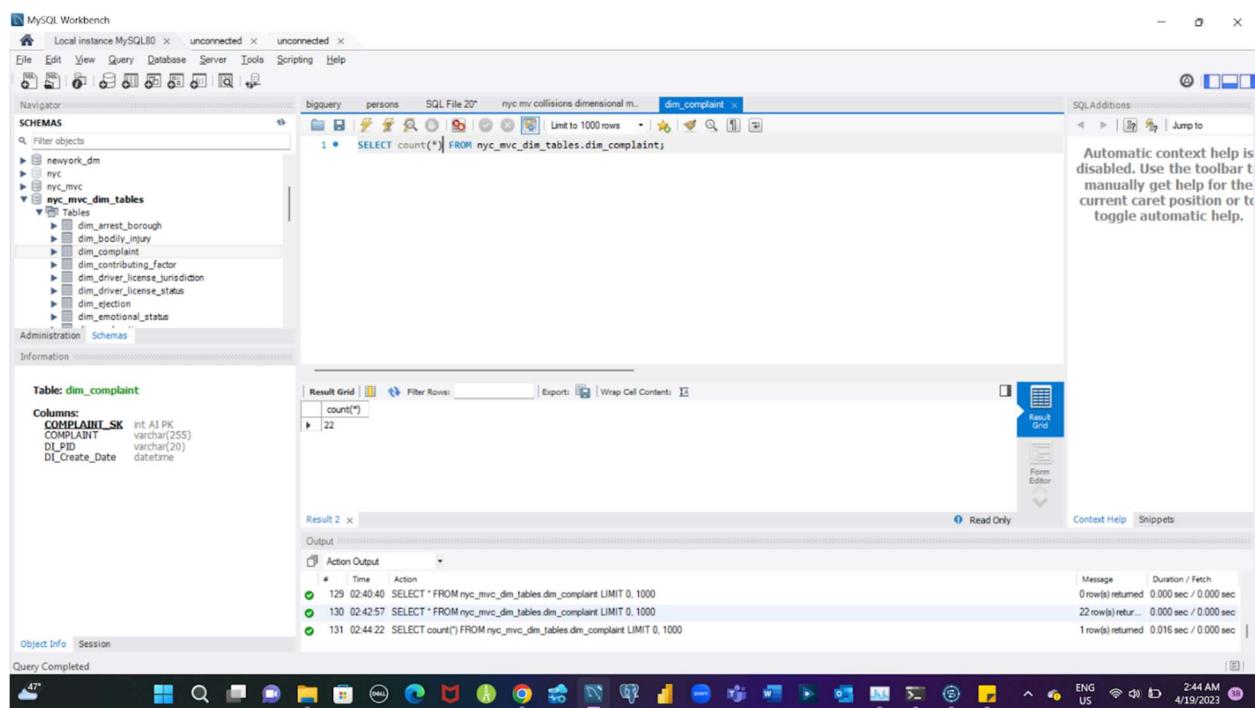
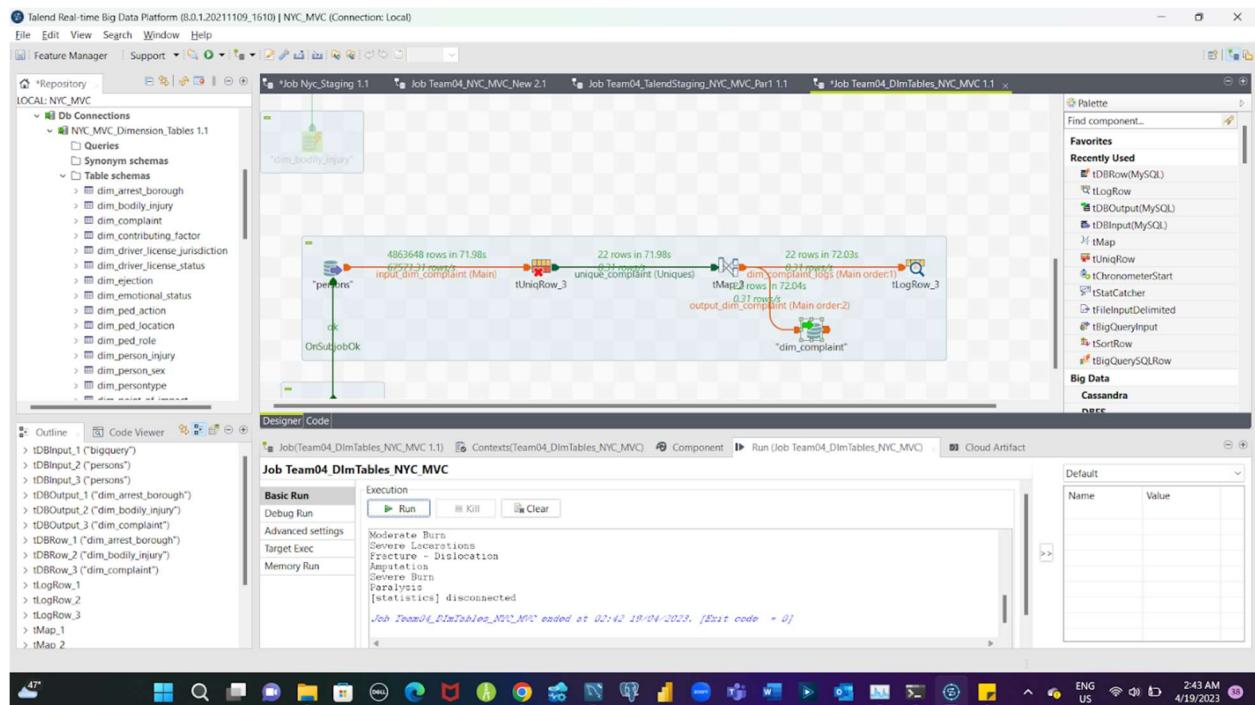
## 2. Dim\_bodily\_injury

Total Row count - 15



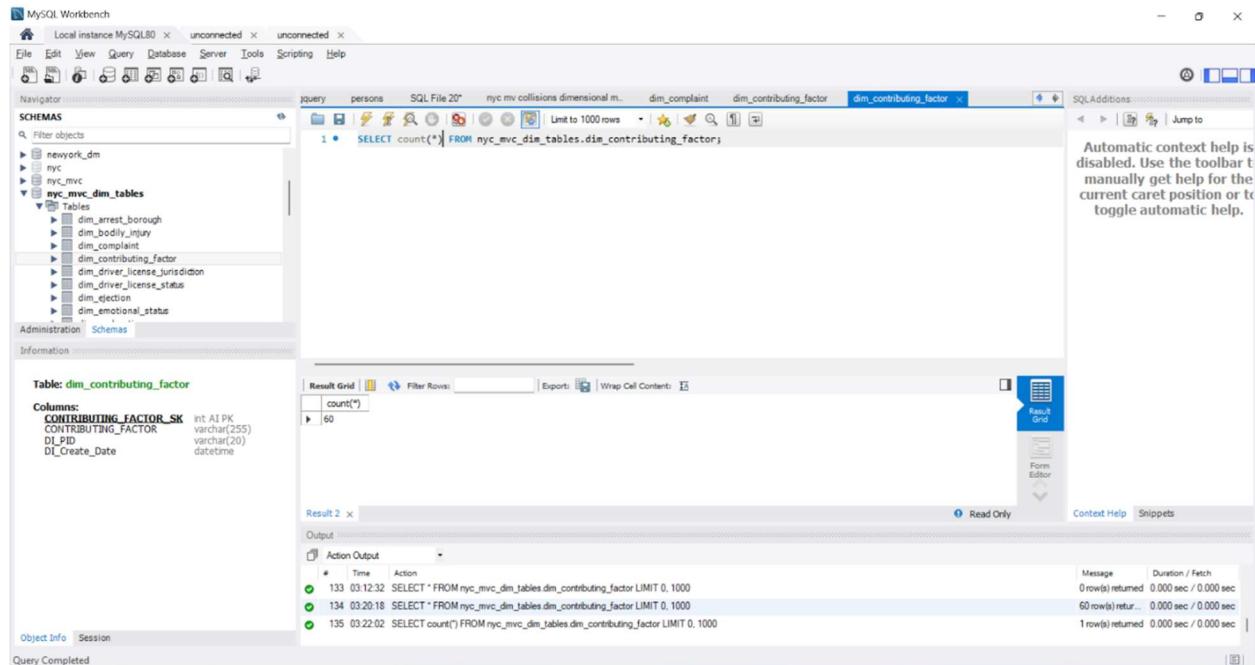
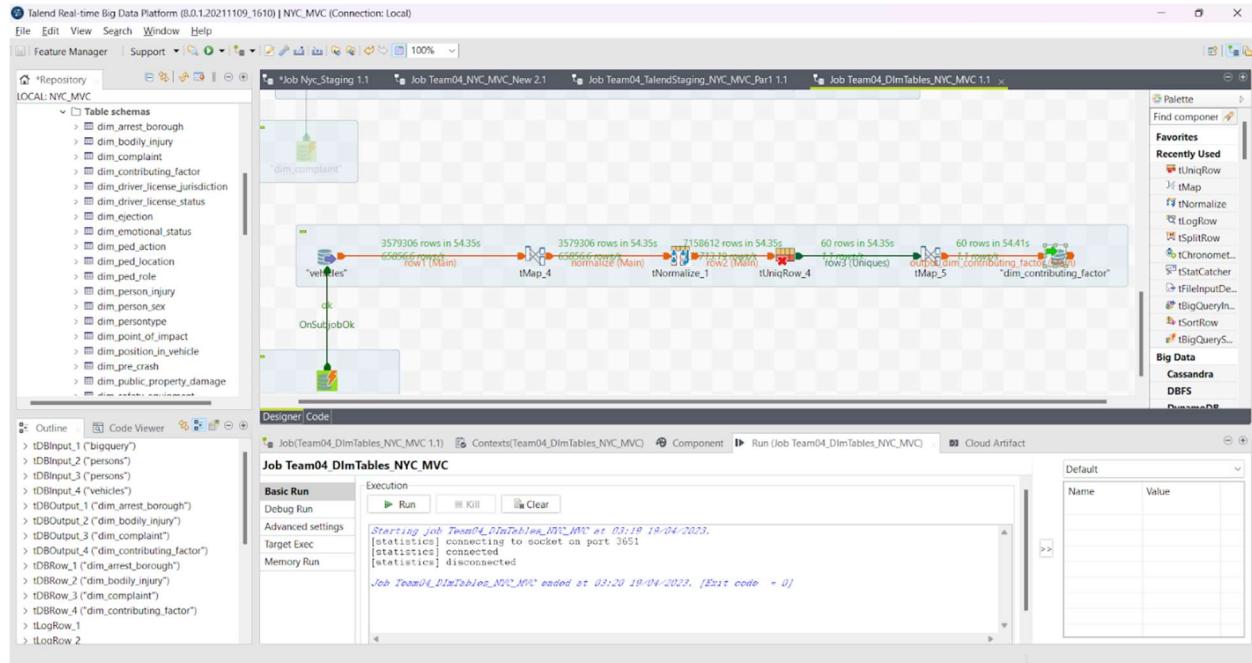
### 3. Dim\_complaint

Total row count – 22



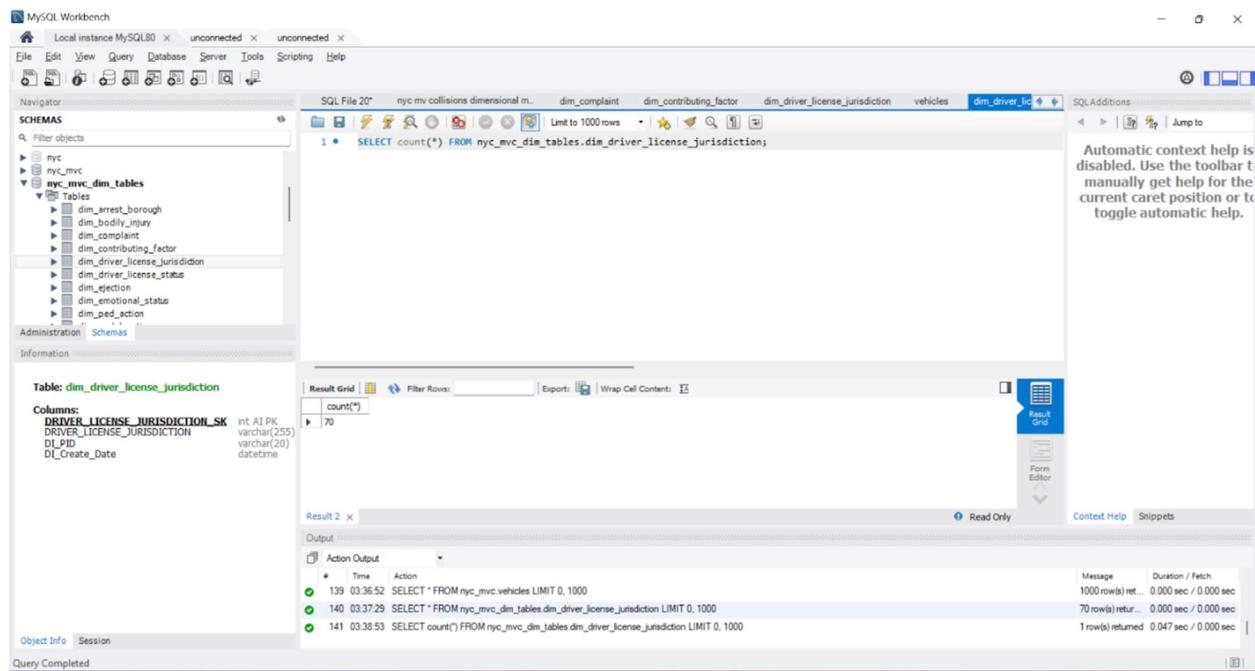
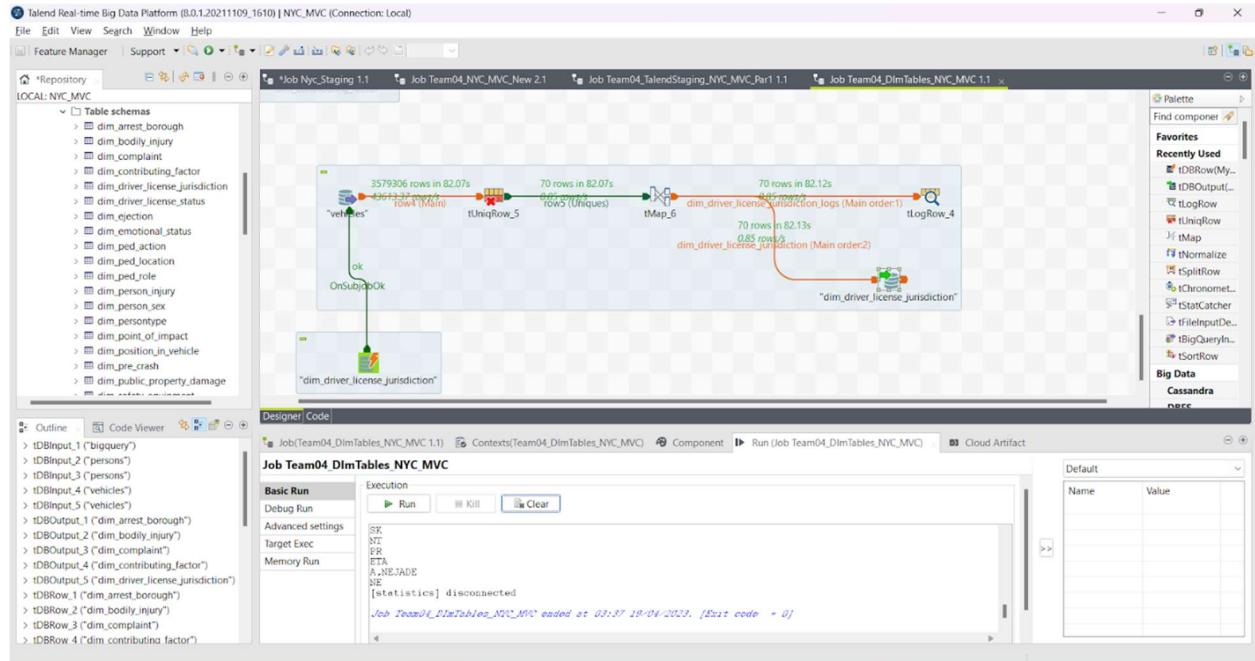
## 4. Dim\_Contributing\_Factor

Total row count – 60



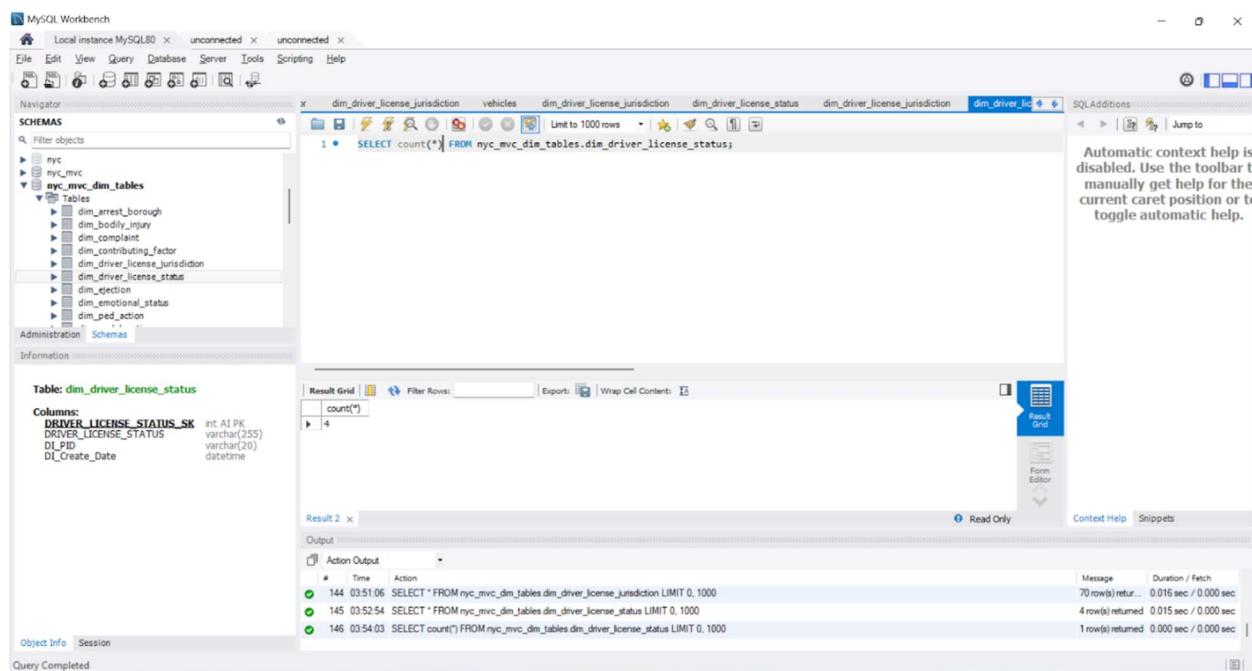
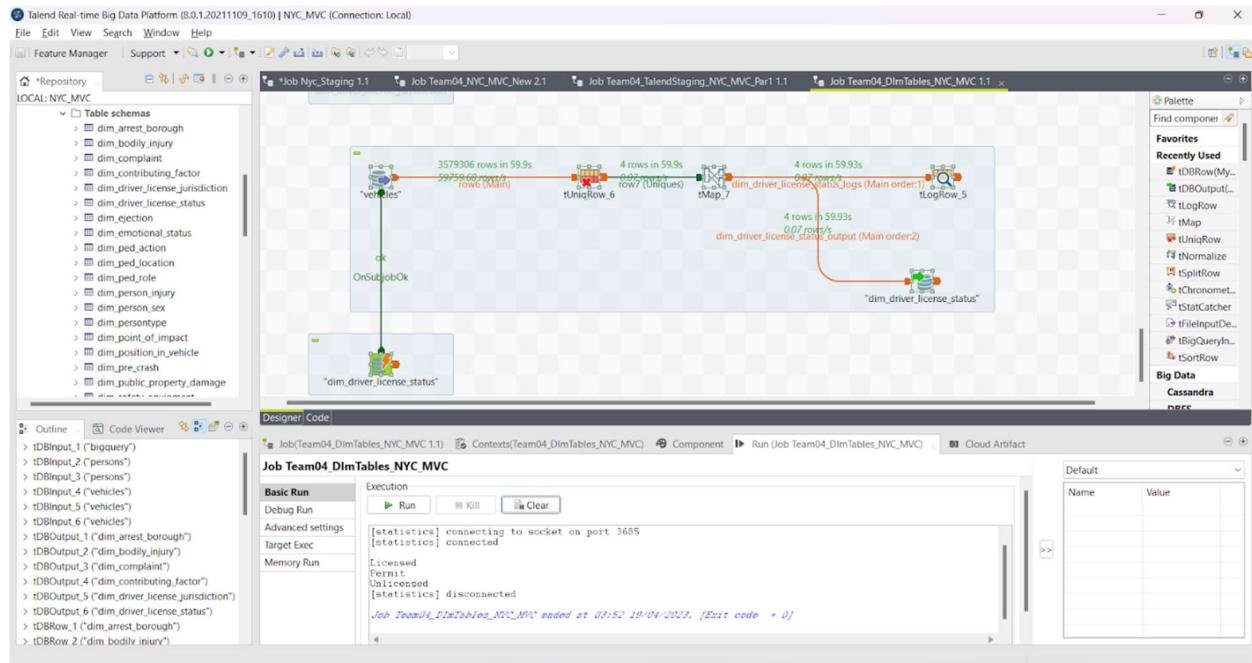
## 5. Dim\_driver\_license\_jurisdiction

Total row count – 70



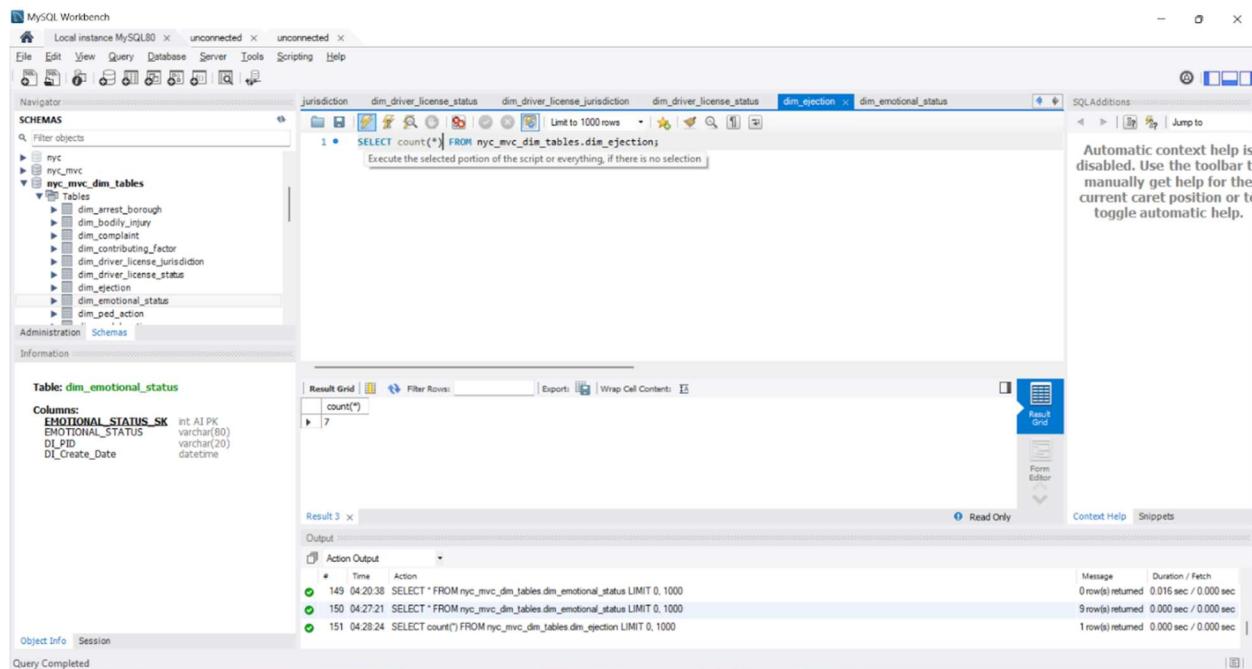
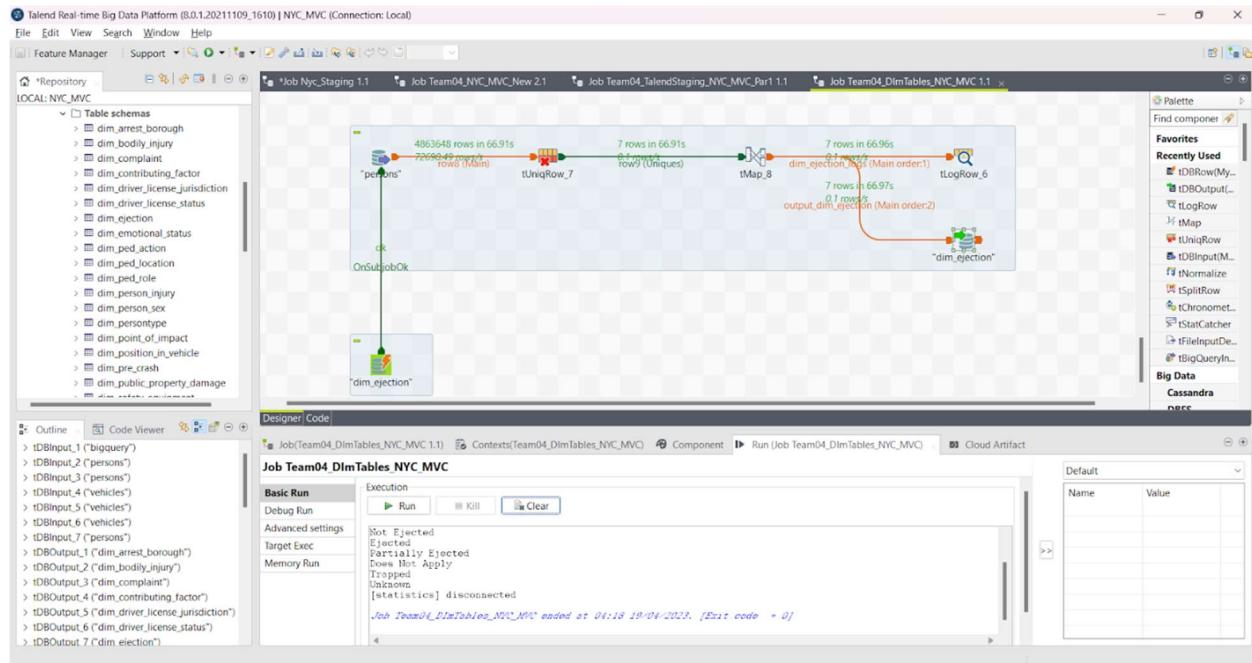
## 6. Dim\_driver\_license\_status

Total row count – 4



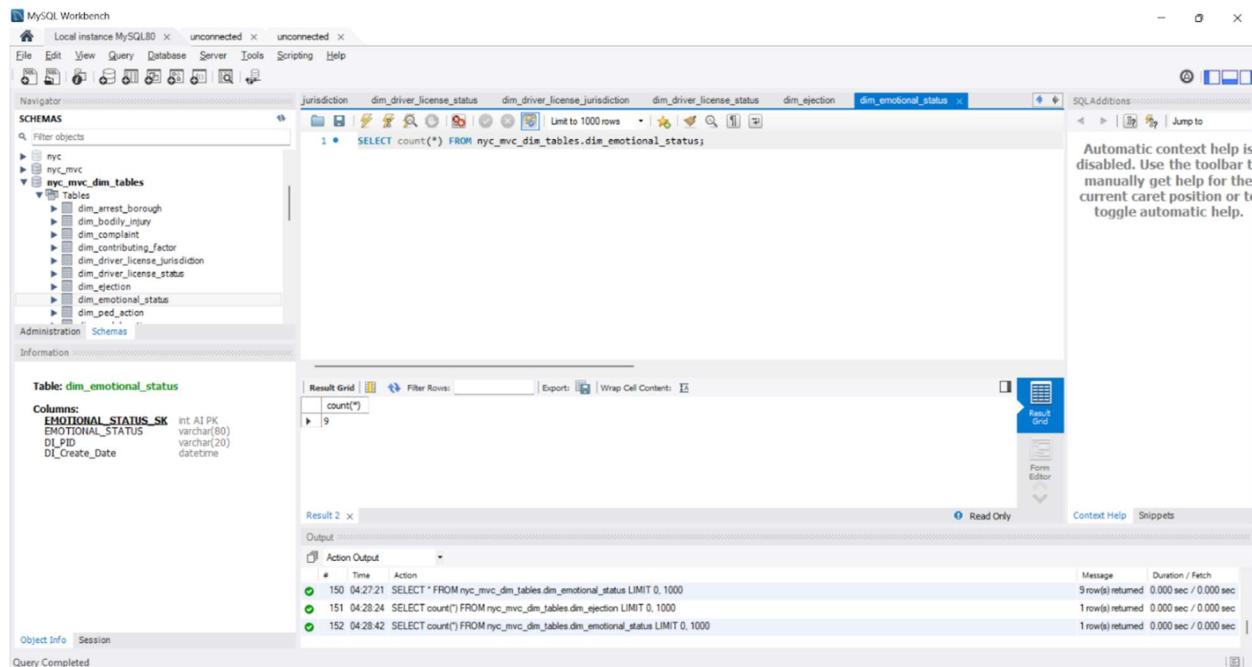
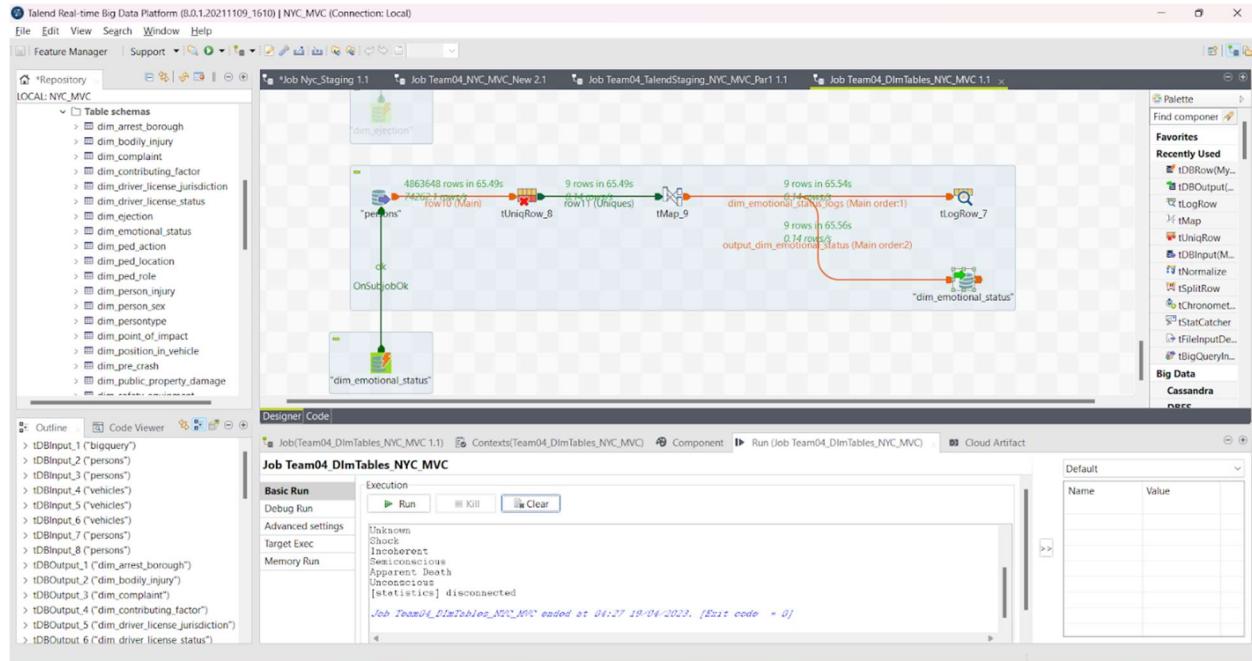
## 7. Dim\_ejection

### Total row count – 7



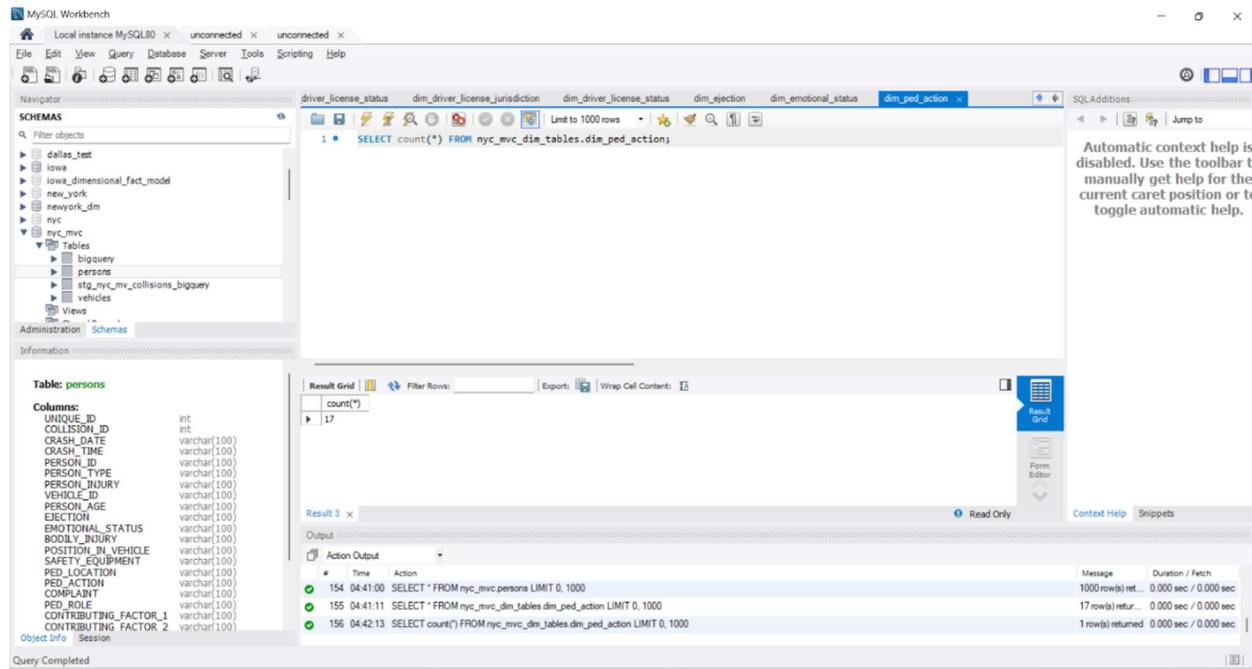
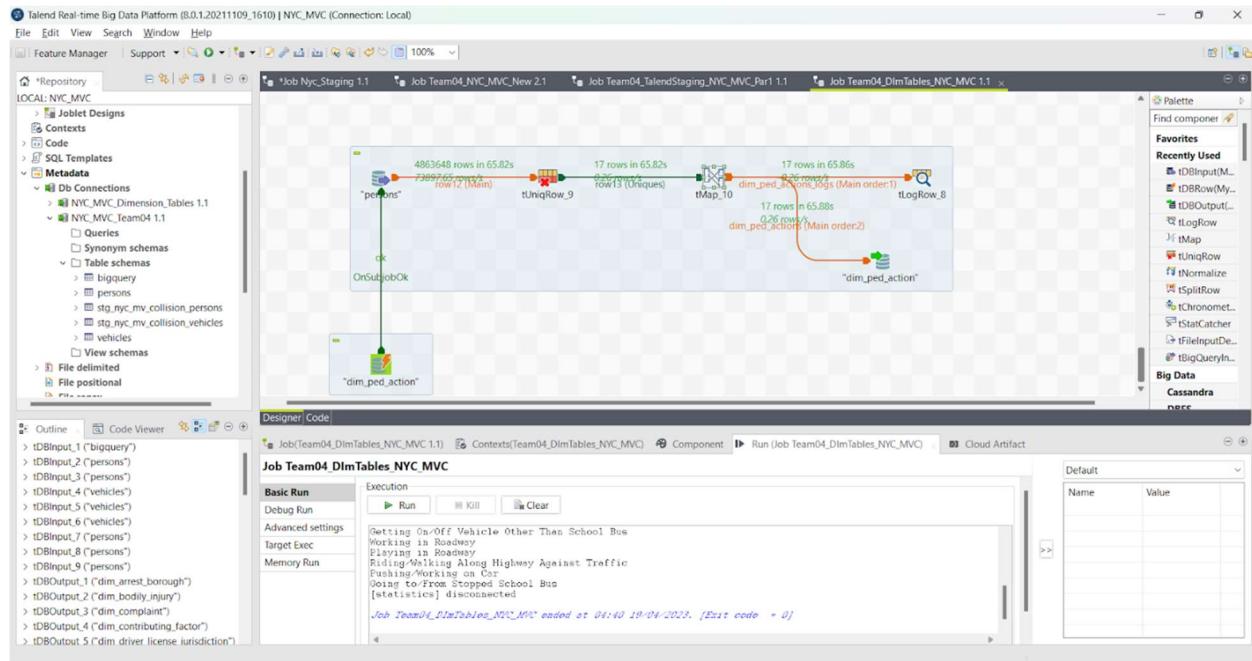
## 8. Dim\_emotional\_status

Total row count- 9



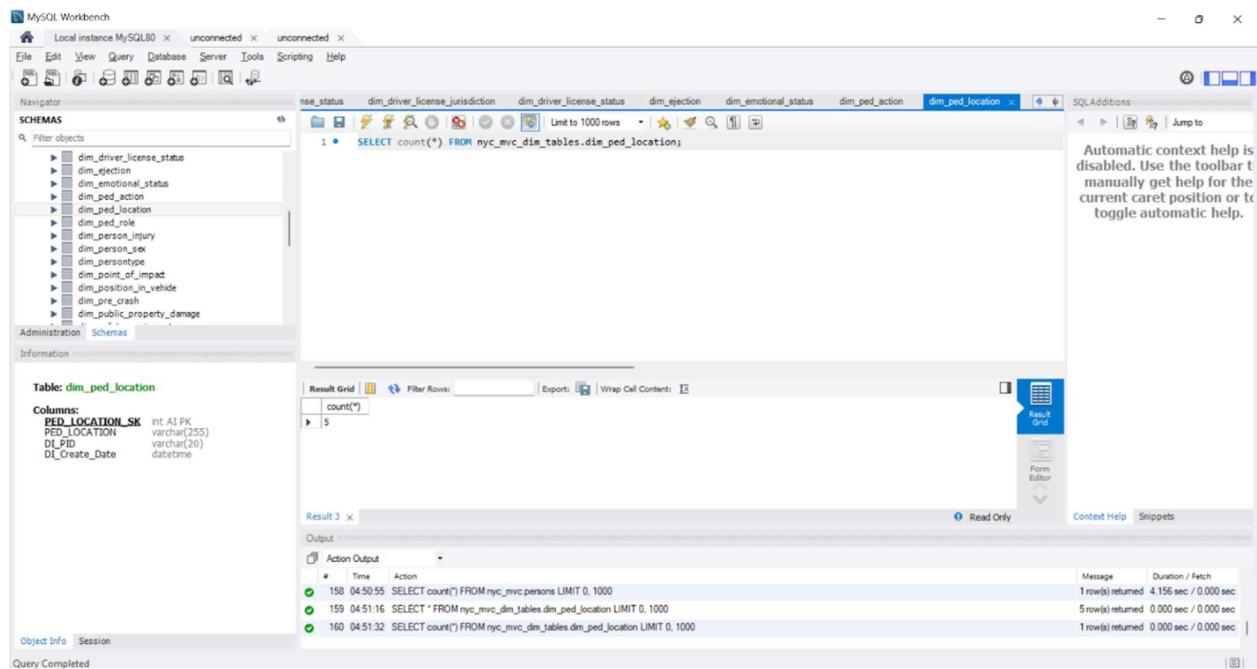
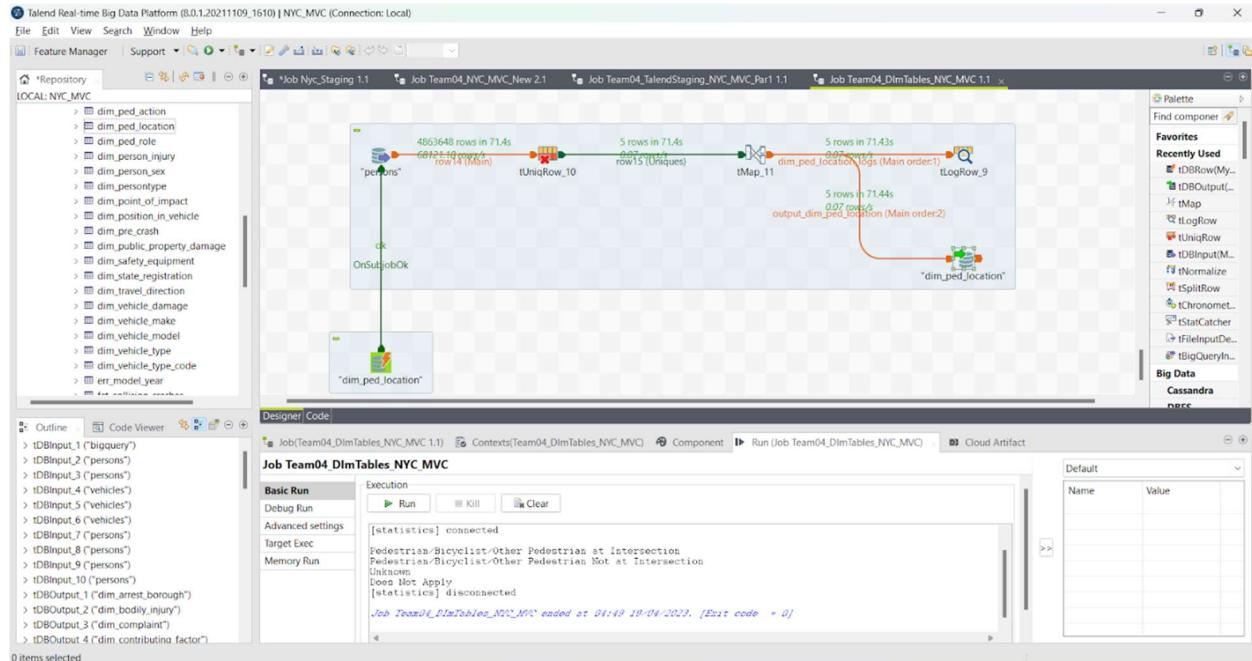
## 9. Dim\_ped\_action

Total row count – 17



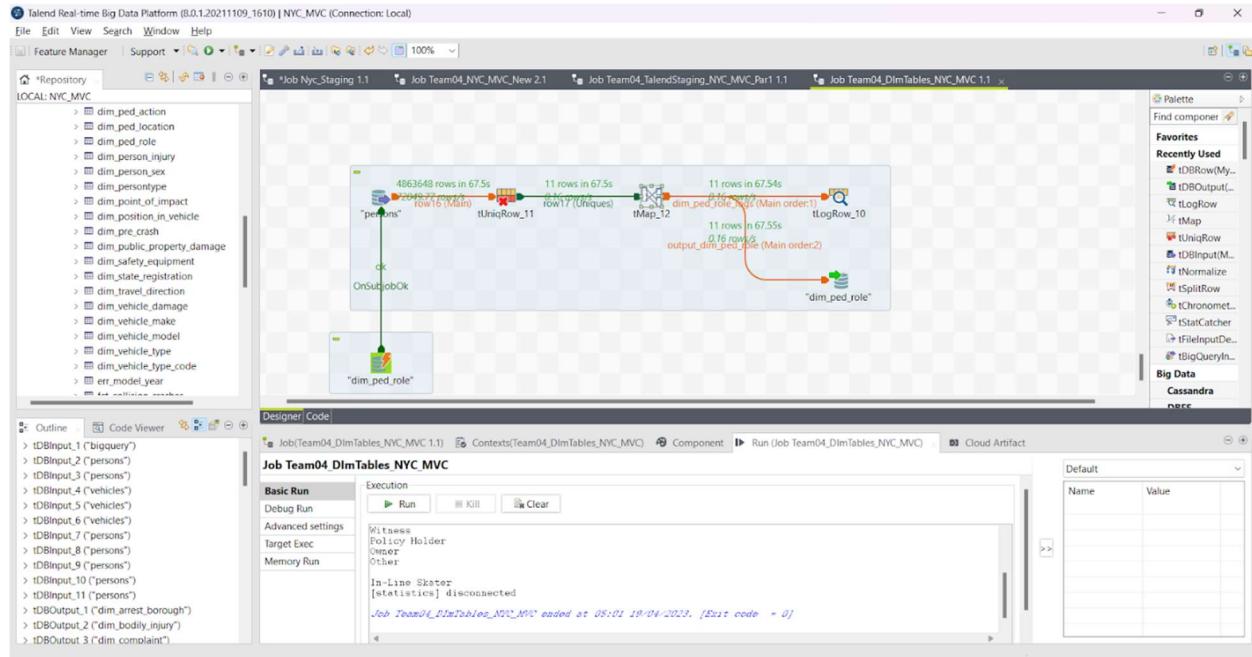
## 10. Dim\_ped\_location

Total row count – 5



## 11. Dim\_ped\_role

Total row count – 11



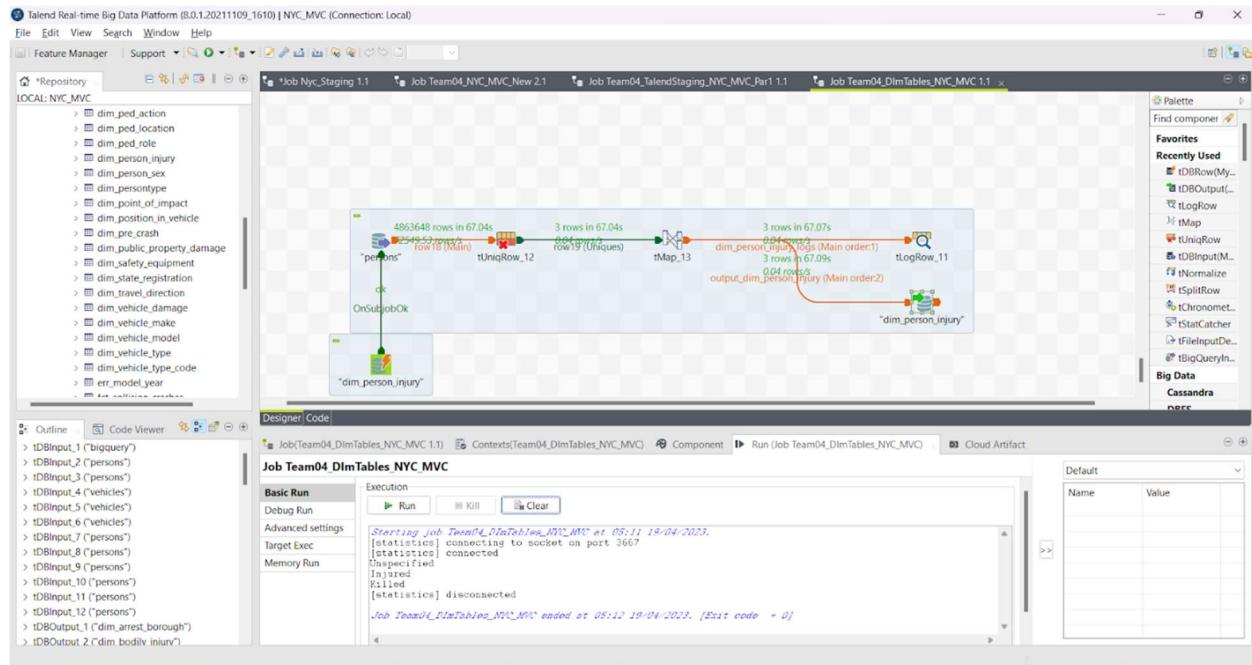
The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, Help. The left sidebar shows the "SCHEMAS" tree, with "dim\_ped\_role" selected. The main workspace shows a query editor window with the following SQL statement:

```
SELECT count(*) FROM nyc_mvc_dim_tables.dim_ped_role;
```

The results grid shows a single row with "count(\*)" = 11. Below the results, the "Action Output" pane shows three log entries corresponding to the query execution. The bottom status bar indicates "Query Completed".

## 12. Dim\_person\_injury

Total row count – 3



The screenshot shows the MySQL Workbench interface with the following details:

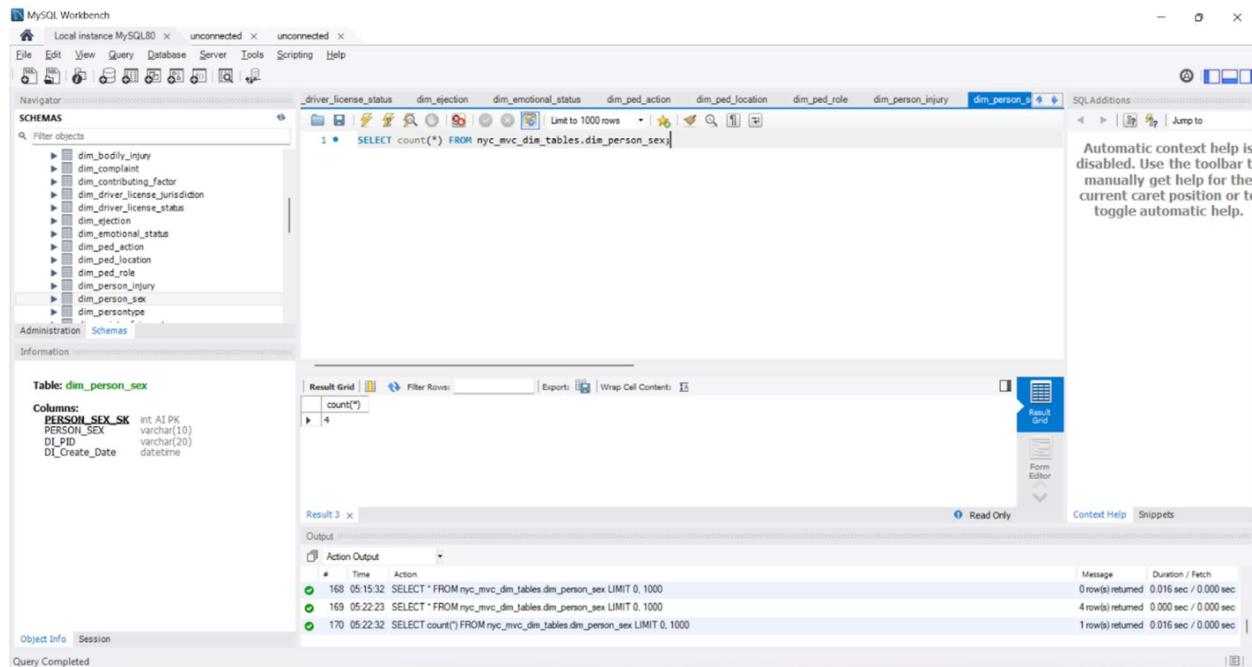
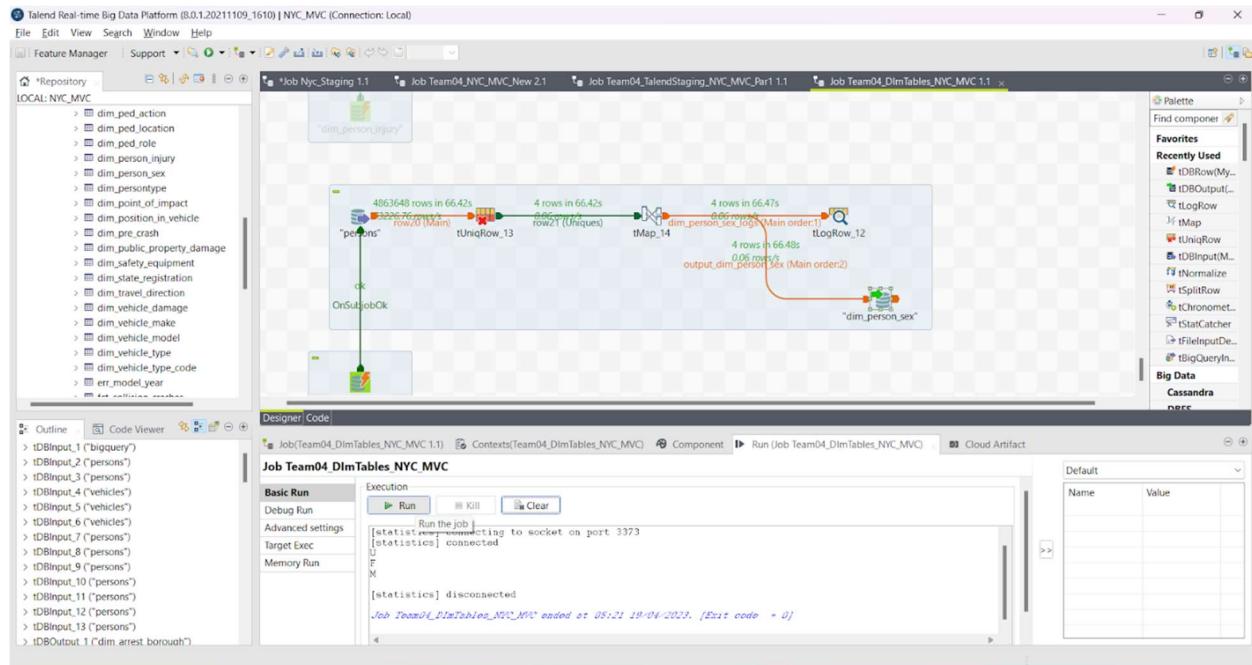
- Navigator:** Local instance MySQL80 - unconnected - unconnected.
- Table:** dim\_person\_injury
- Query:**

```
1 • SELECT count(*) FROM nyc_mvc.dim_tables.dim_person_injury;
```
- Result Grid:**

count(*)
3
- Message Log:**
  - 165 05:13:16 SELECT \* FROM nyc\_mvc.dim\_tables.dim\_person\_injury LIMIT 0, 1000
  - 166 05:13:49 SELECT \* FROM nyc\_mvc.dim\_tables.dim\_person\_injury LIMIT 0, 1000
  - 167 05:14:20 SELECT count(\*) FROM nyc\_mvc.dim\_tables.dim\_person\_injury LIMIT 0, 1000

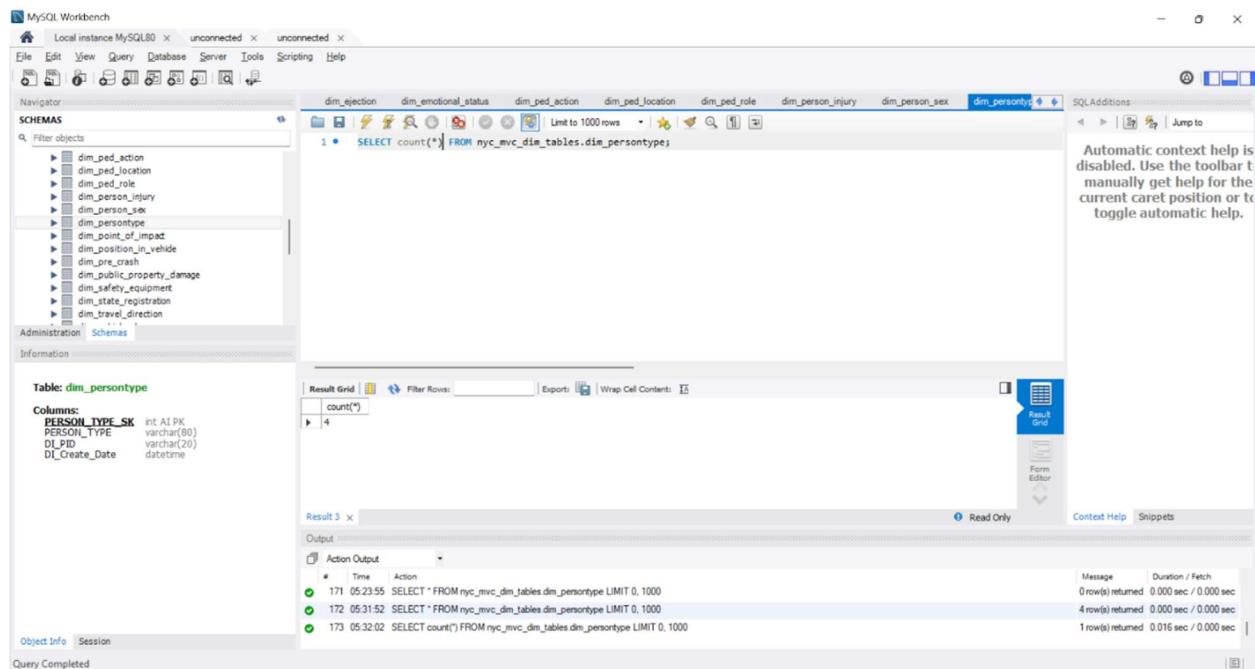
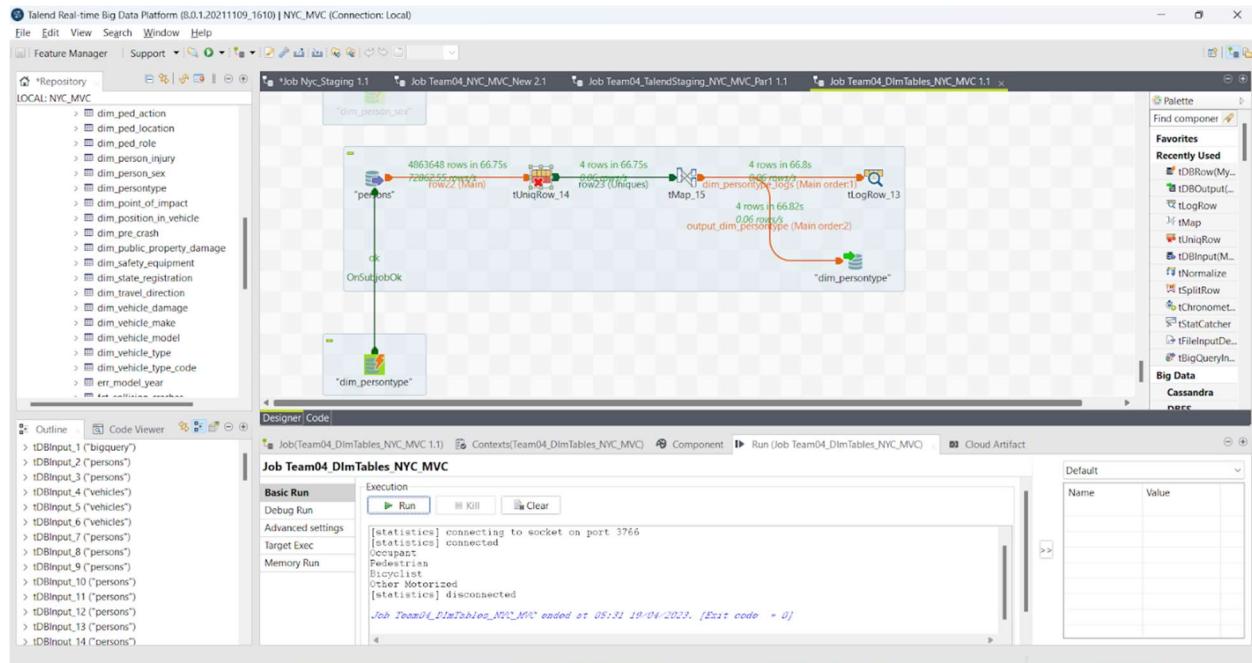
## 13. Dim\_person\_sex

Total row count – 4



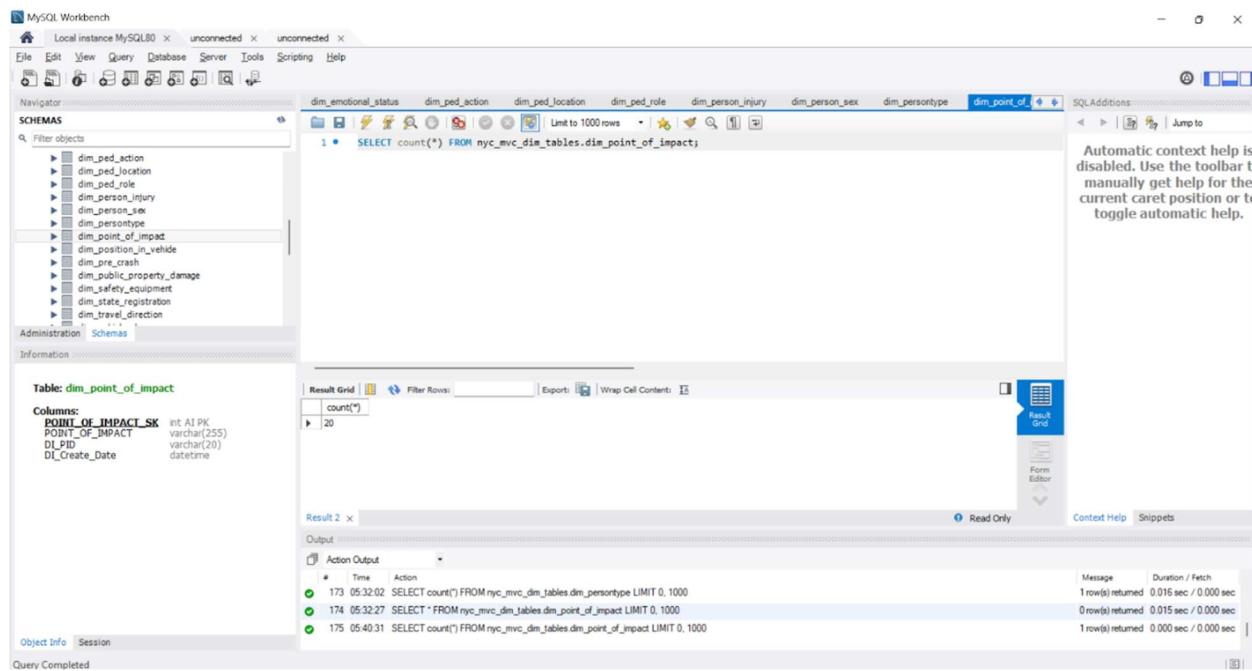
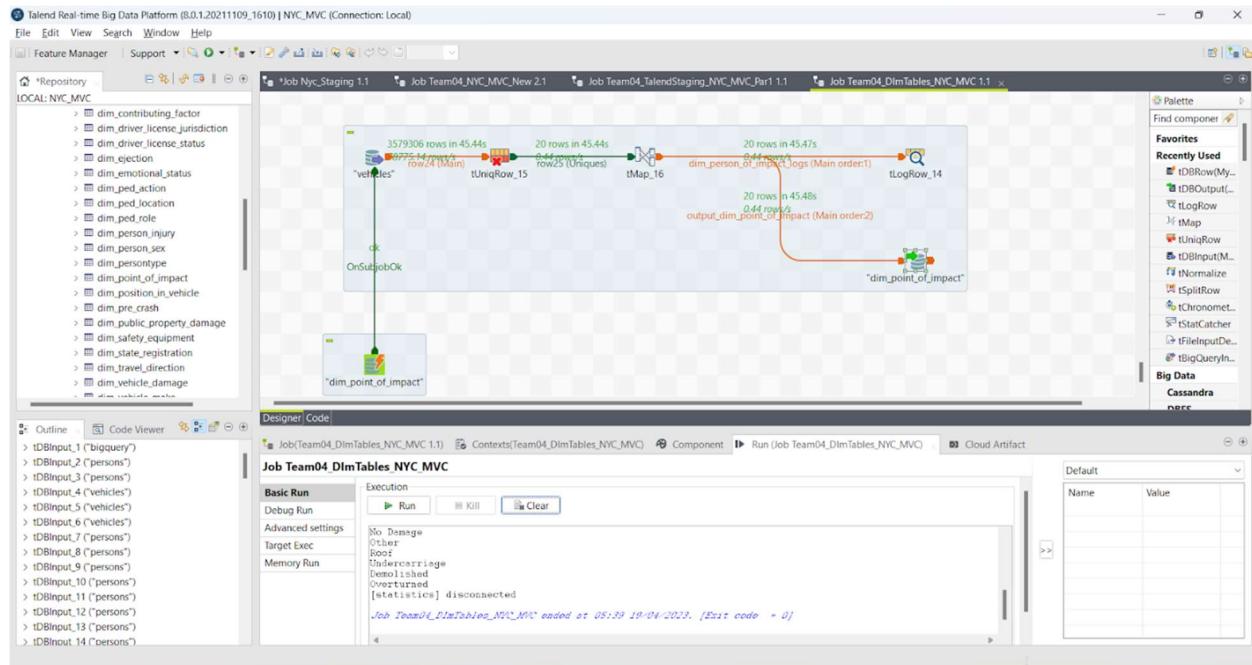
## 14. Dim\_persontype

Total row count – 4



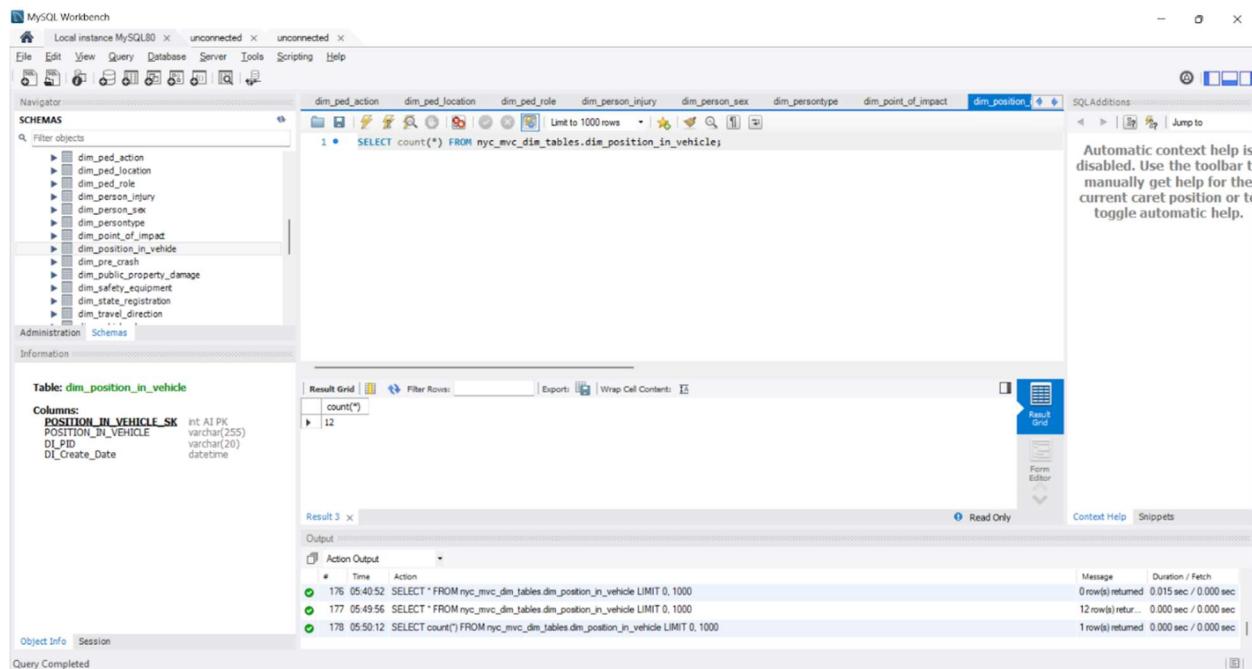
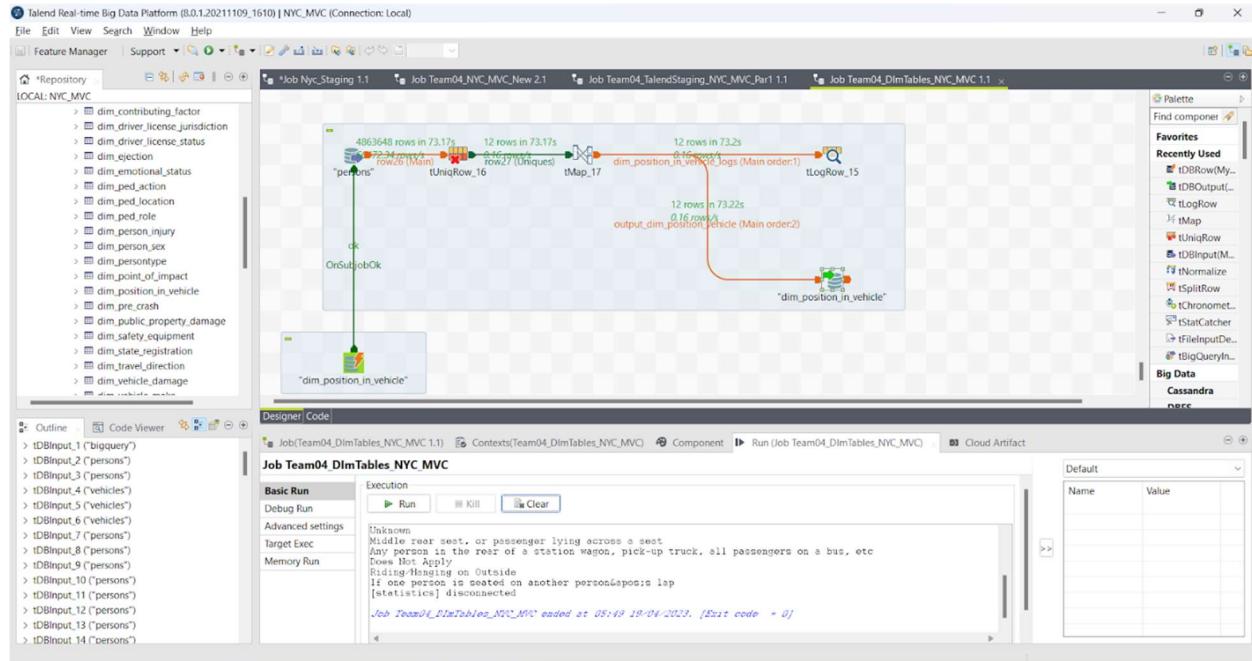
## 15. Dim\_point\_of\_impact

Total row count – 20



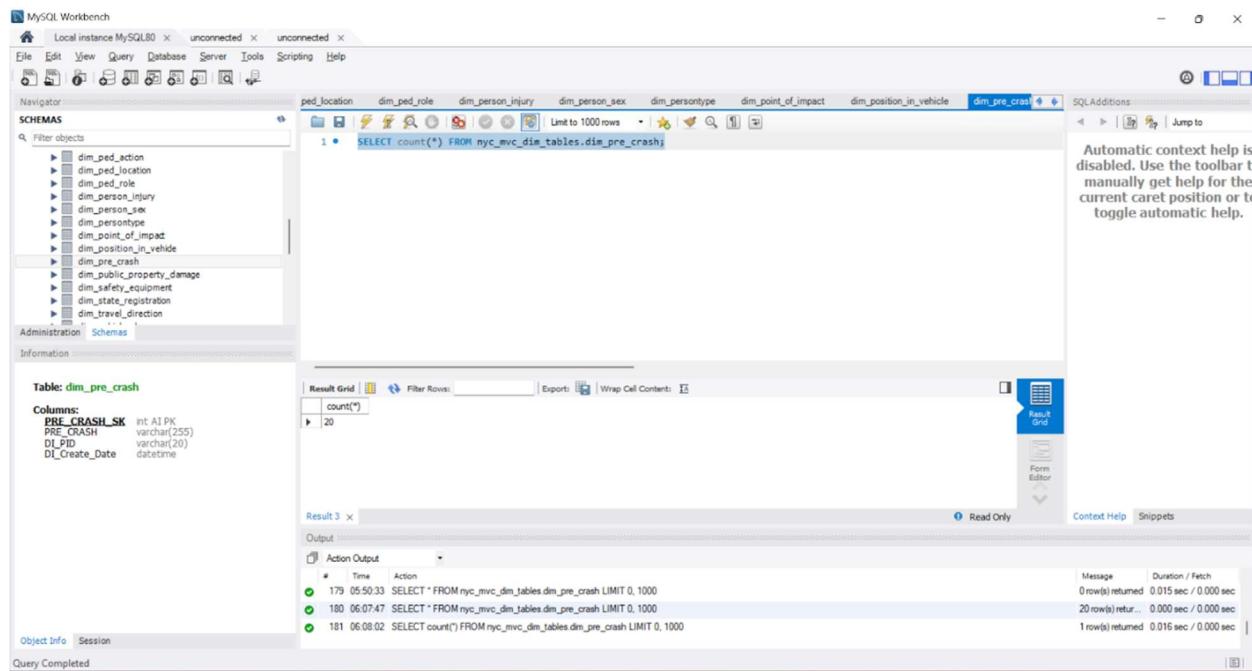
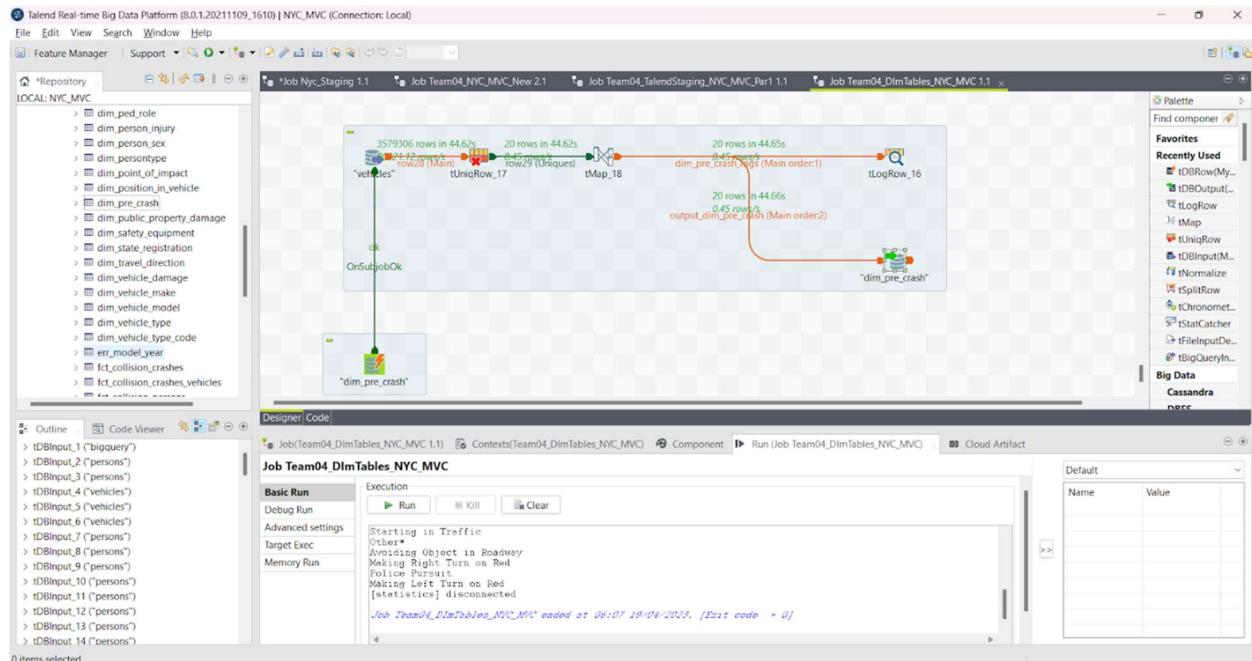
## 16. Dim\_position\_in\_vehicle

Total row count – 12



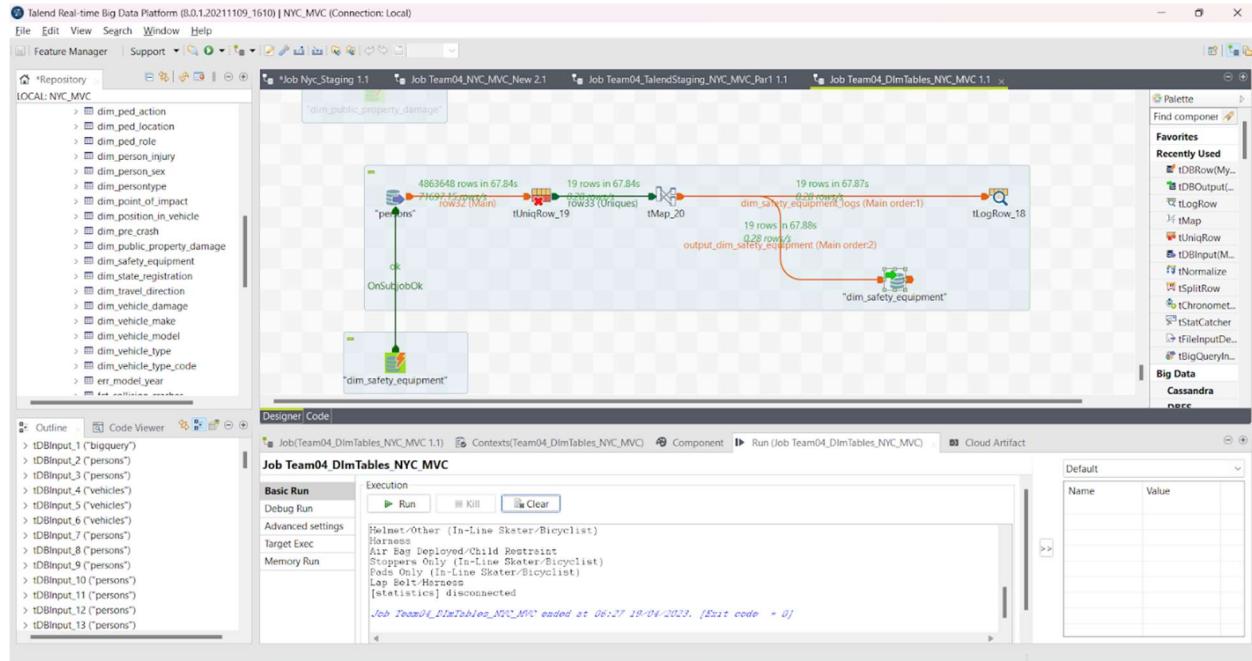
## 17. Dim\_pre\_crash

Total row count – 20



## 18. Dim\_safety\_equipments

Total row count – 19



The screenshot shows the MySQL Workbench interface. The left sidebar shows the 'Navigator' with various schema tables listed. The main area shows a query editor with the following SQL statement:

```
1 • SELECT count(*) FROM nyc_mvc_dim_tables.dim_safety_equipment;
```

The result grid displays the following data:

	count(*)
	19

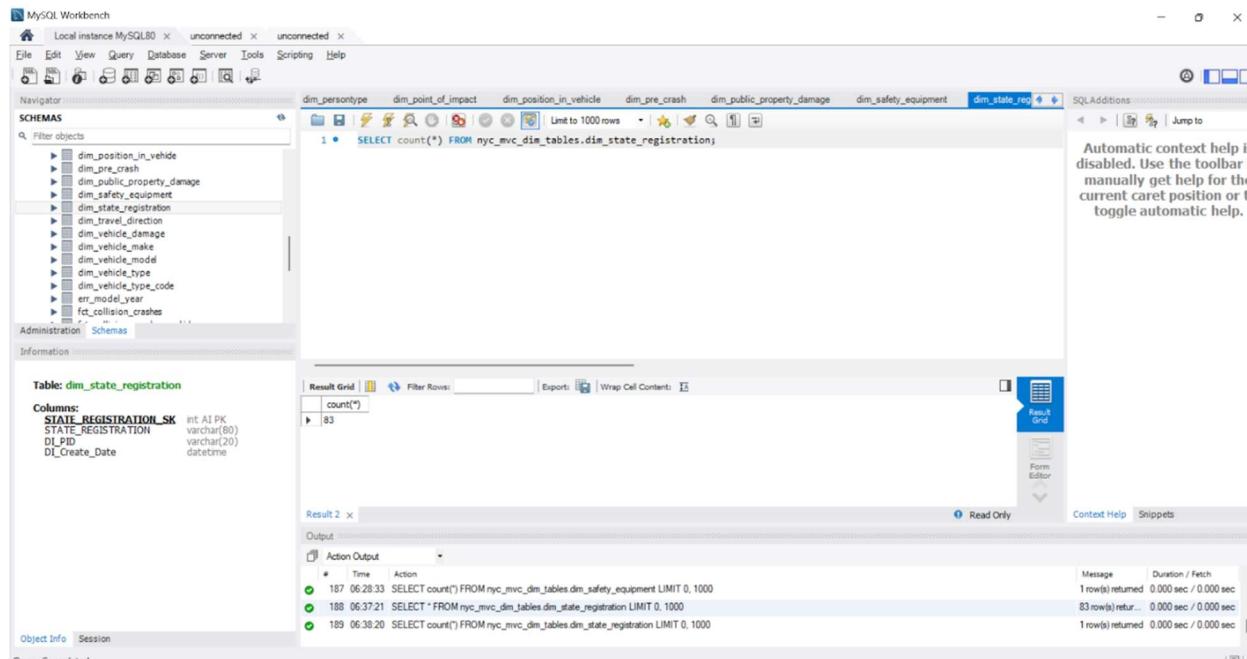
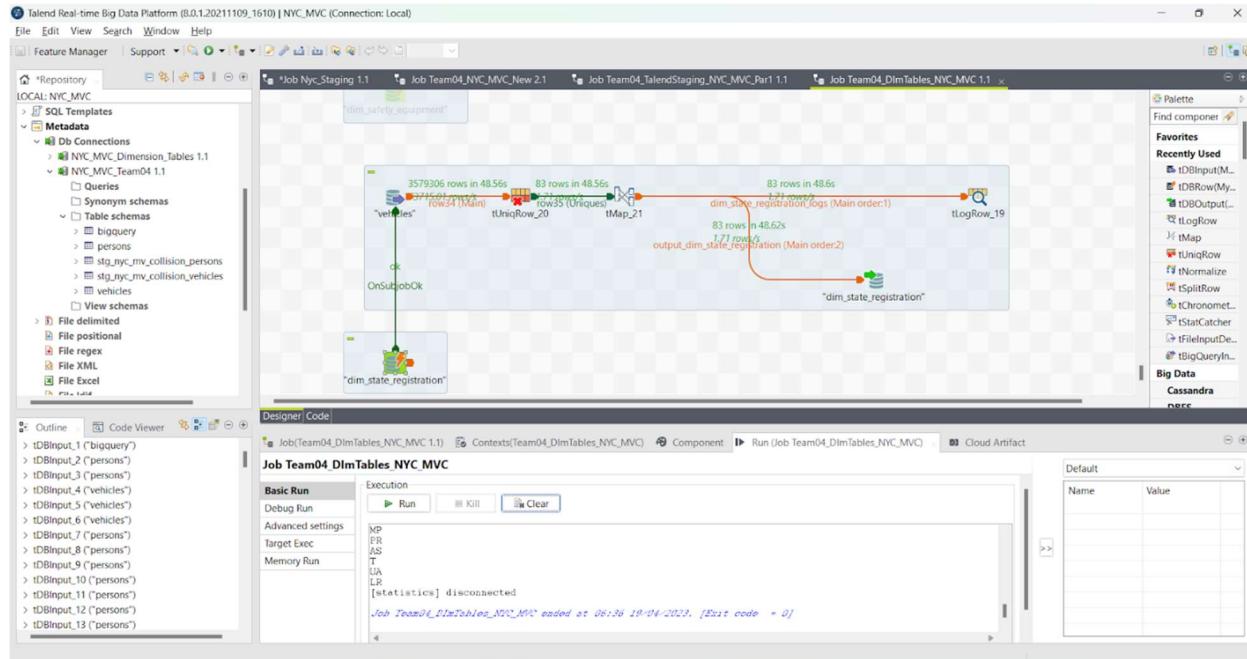
Below the result grid, the 'Action Output' pane shows the following log entries:

- 185 06:19:27 SELECT \* FROM nyc\_mvc\_dim\_tables.dim\_safety\_equipment LIMIT 0, 1000
- 186 06:28:09 SELECT \* FROM nyc\_mvc\_dim\_tables.dim\_safety\_equipment LIMIT 0, 1000
- 187 06:28:33 SELECT count(\*) FROM nyc\_mvc\_dim\_tables.dim\_safety\_equipment LIMIT 0, 1000

The status bar at the bottom indicates 'Query Completed'.

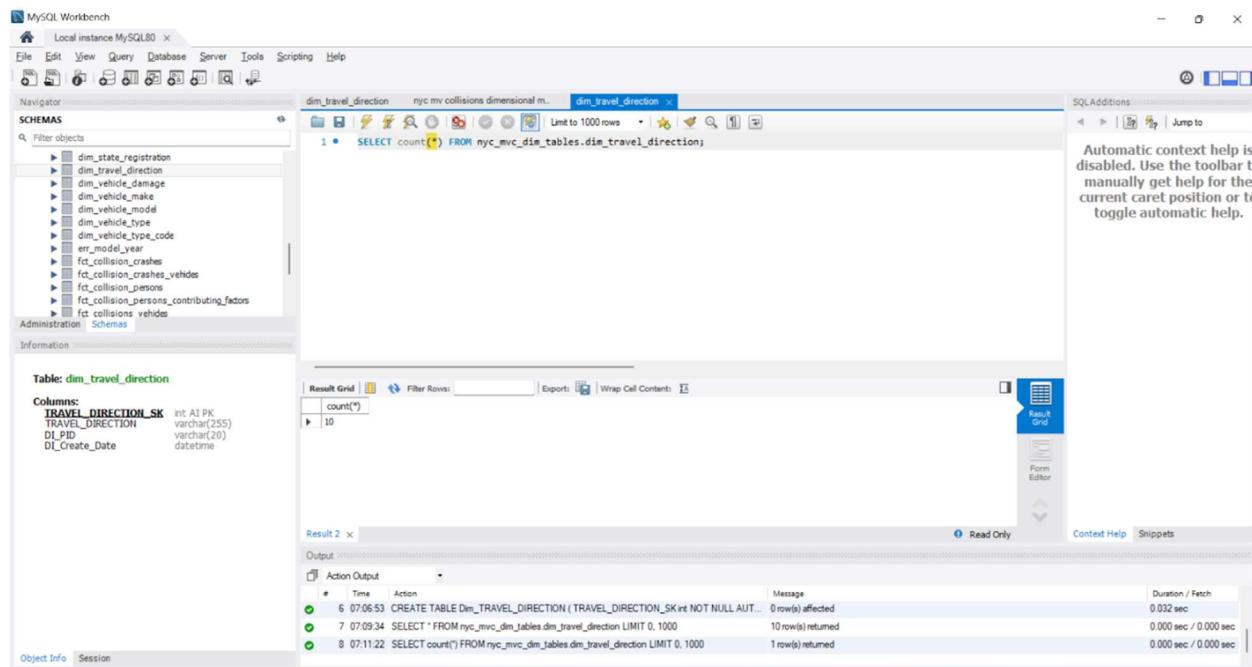
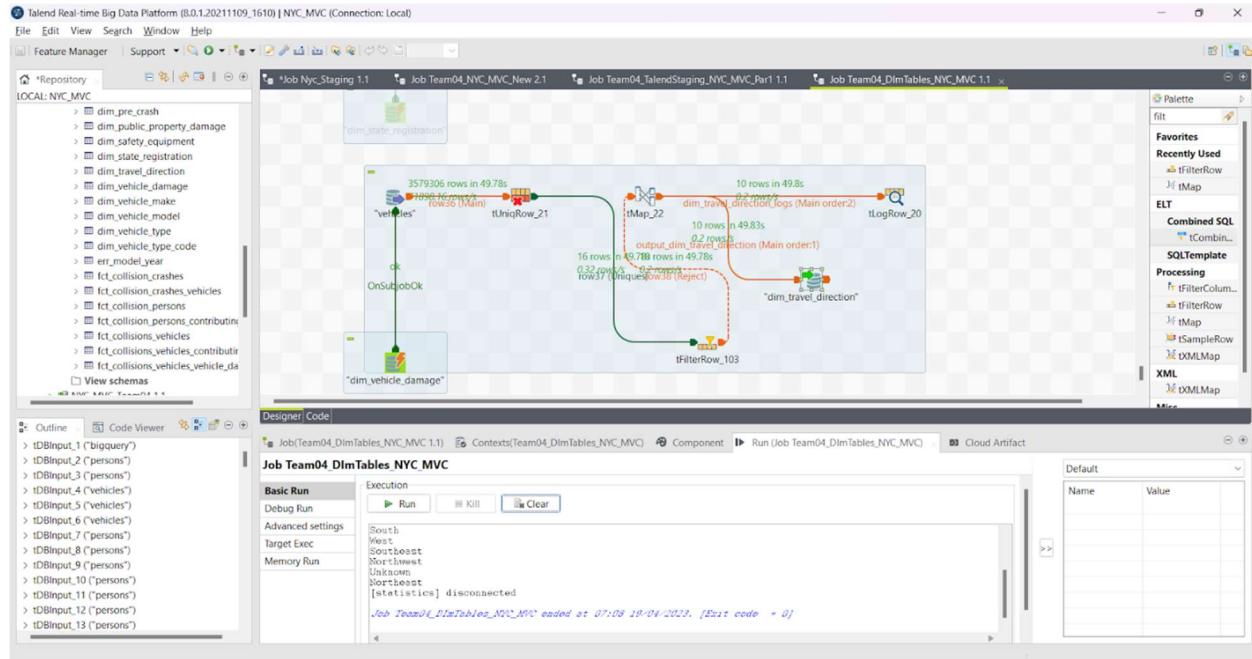
## 19. Dim\_state\_registration

Total row count – 83



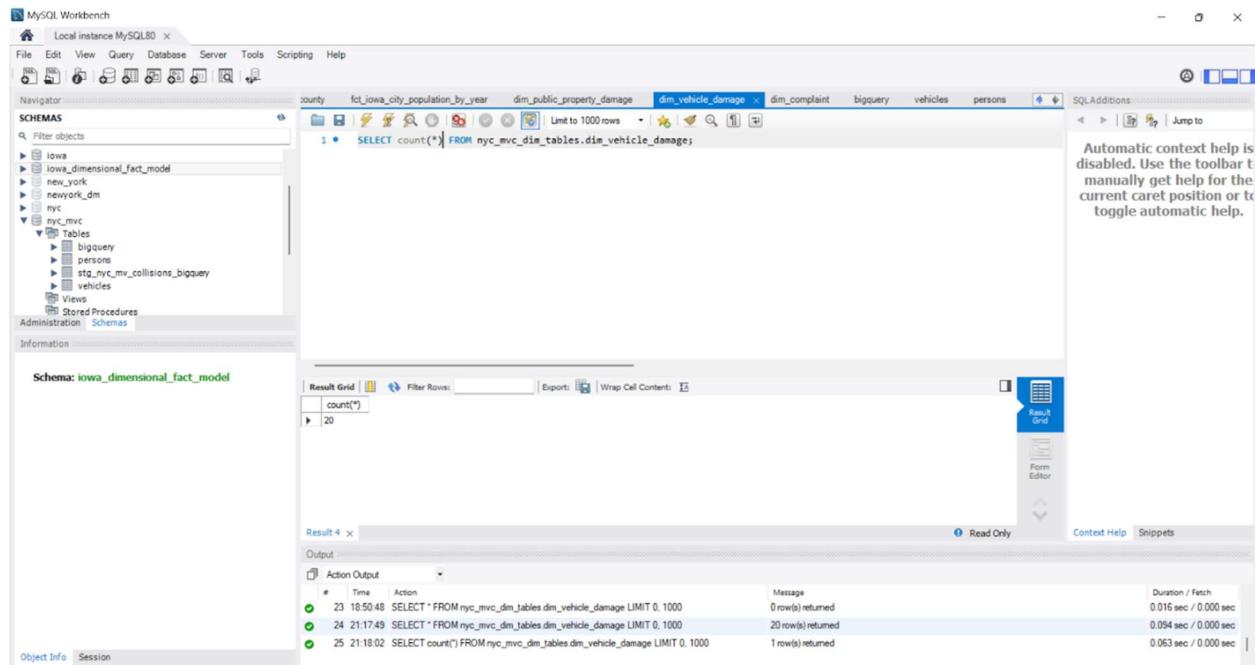
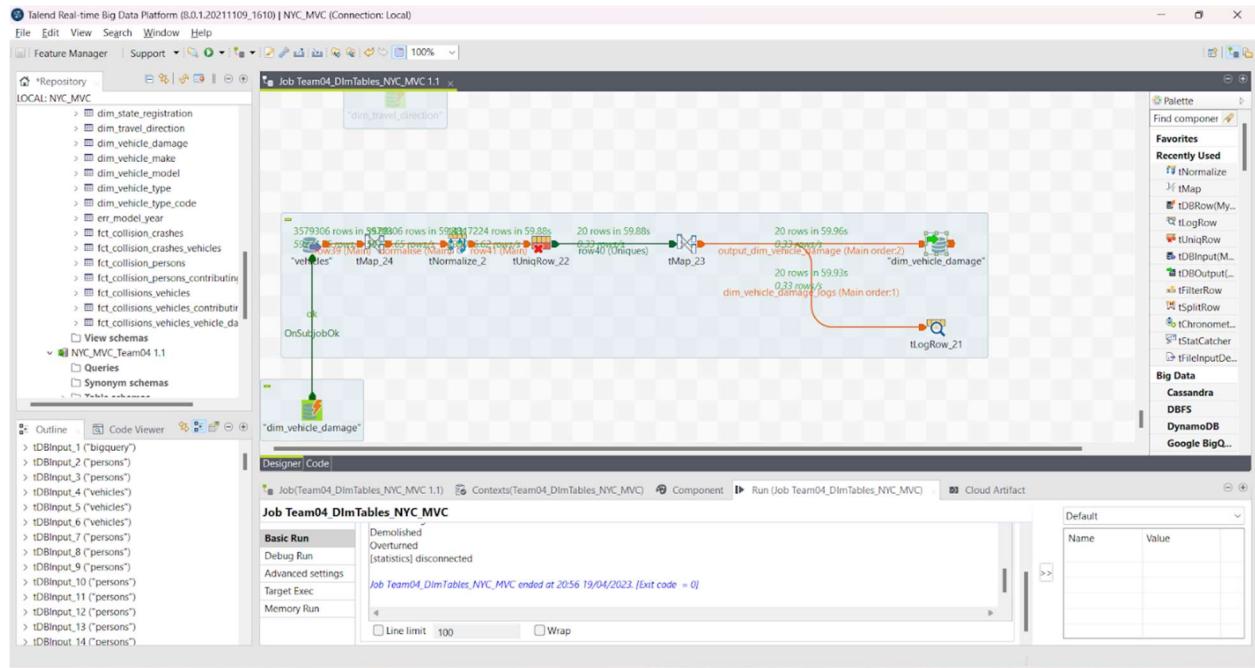
## 20. Dim\_travel\_direction

Total row count – 10

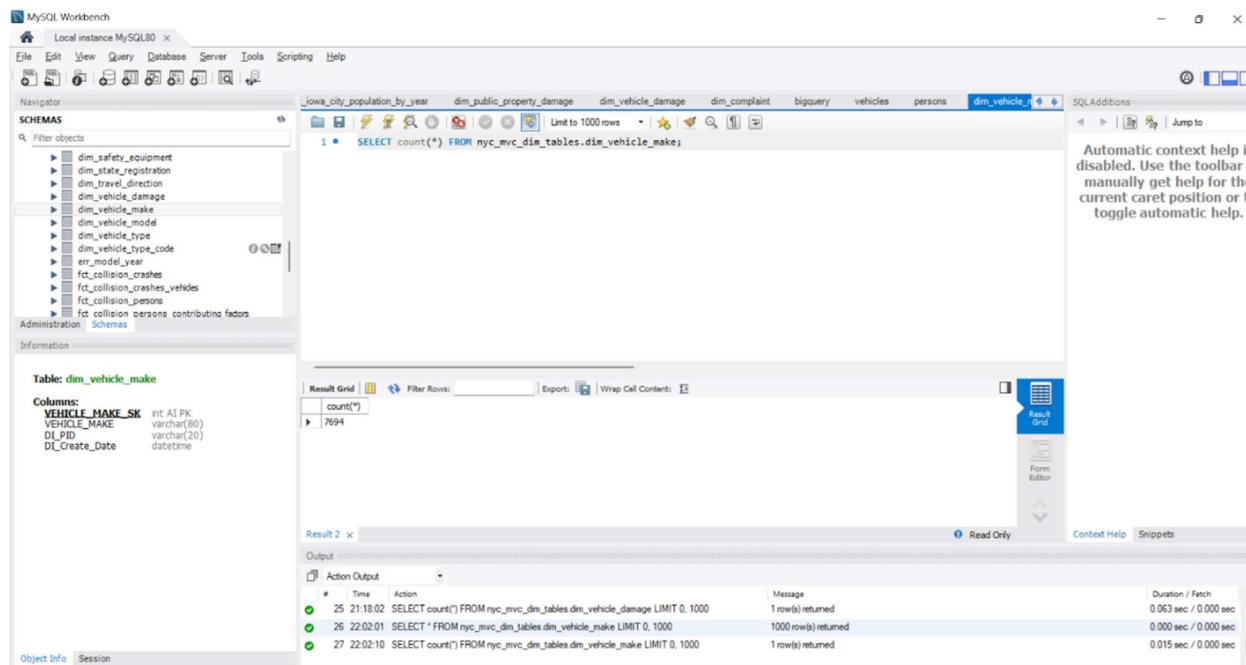
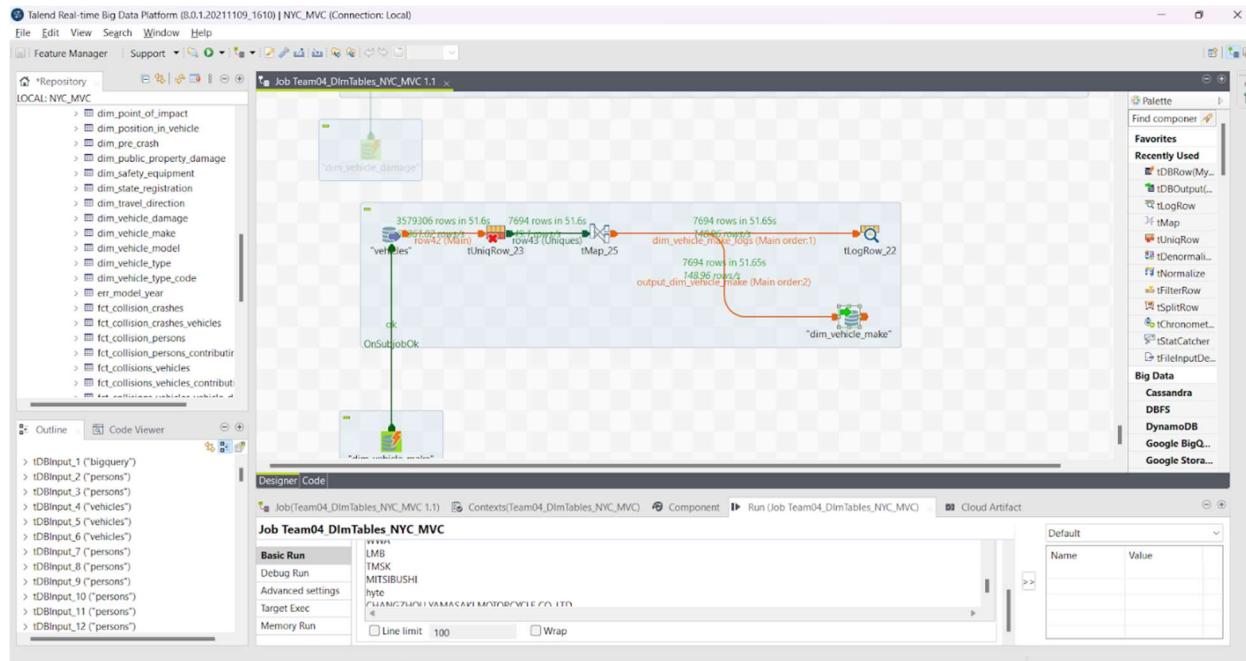


## 21. Dim\_vehicle\_damage

Total row count – 20

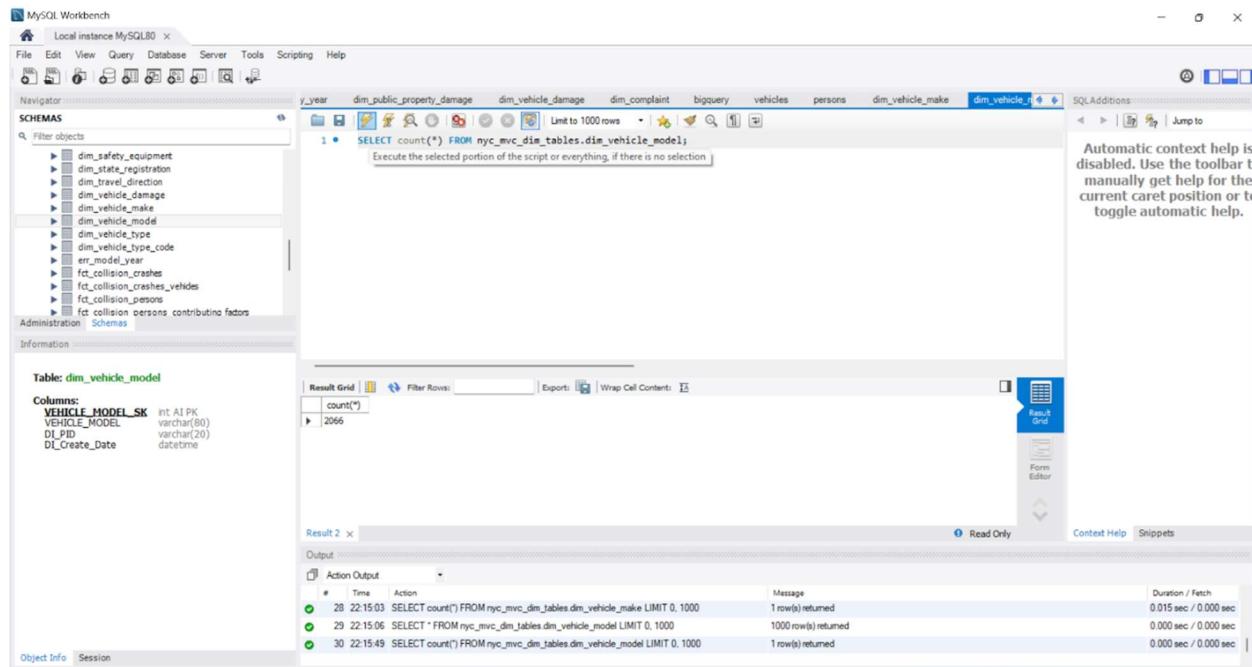
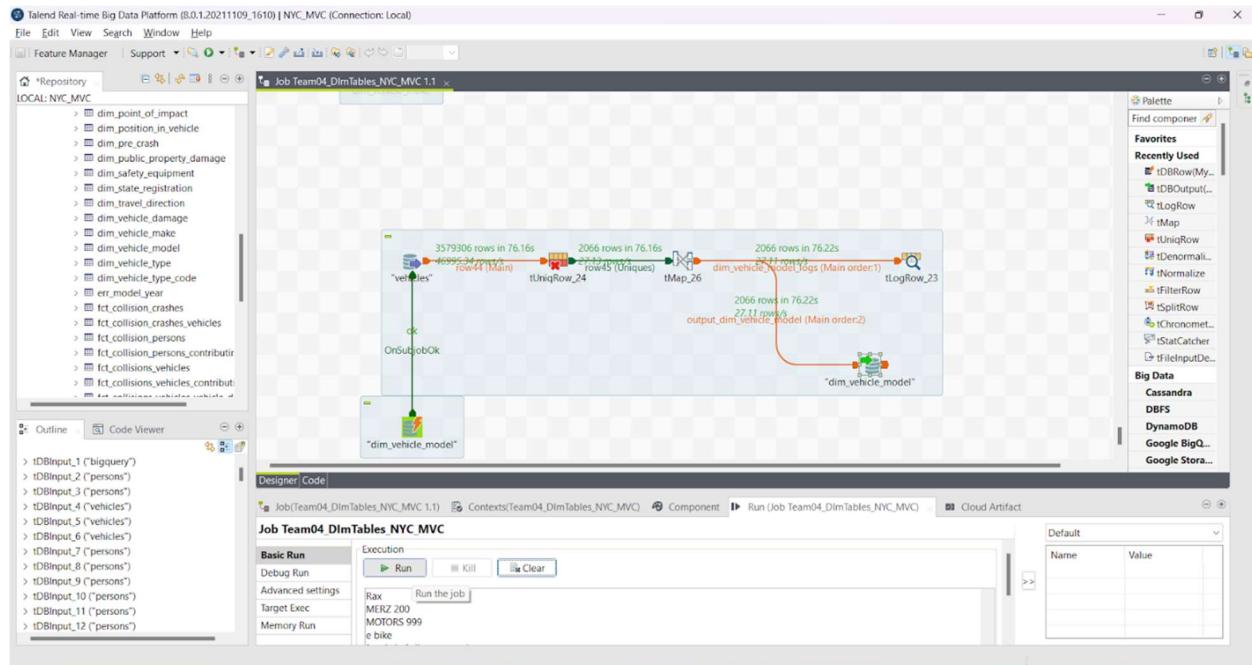


22. Dim\_vehicle\_make  
Total row count – 7694



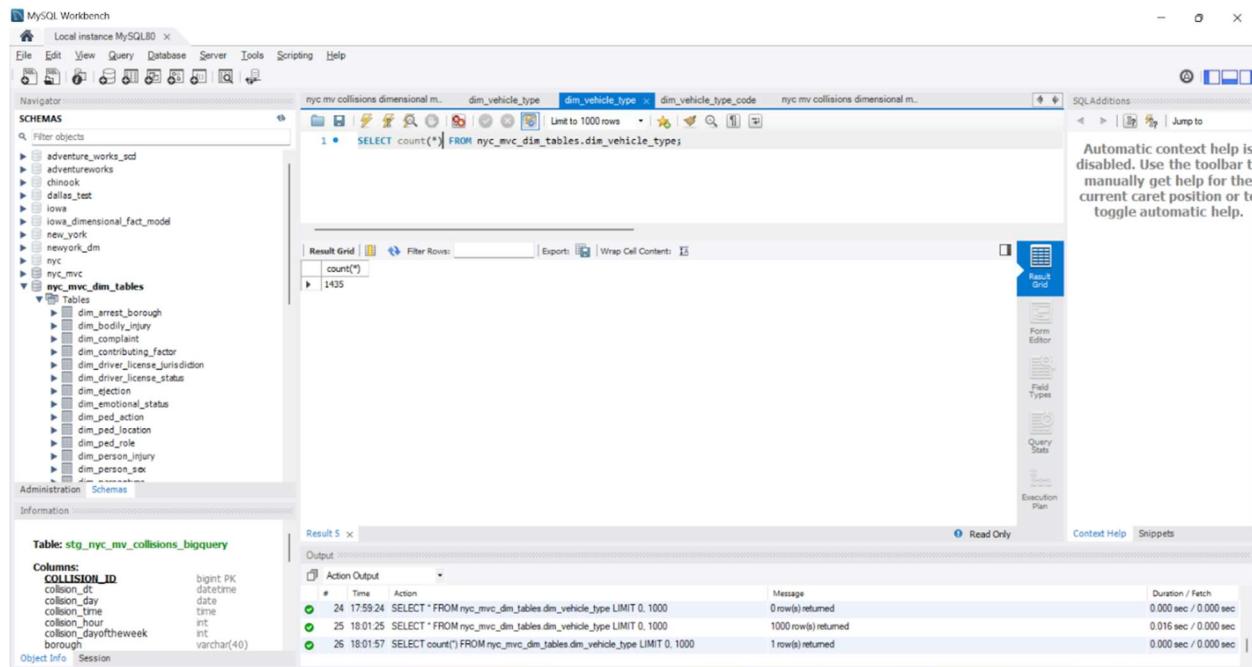
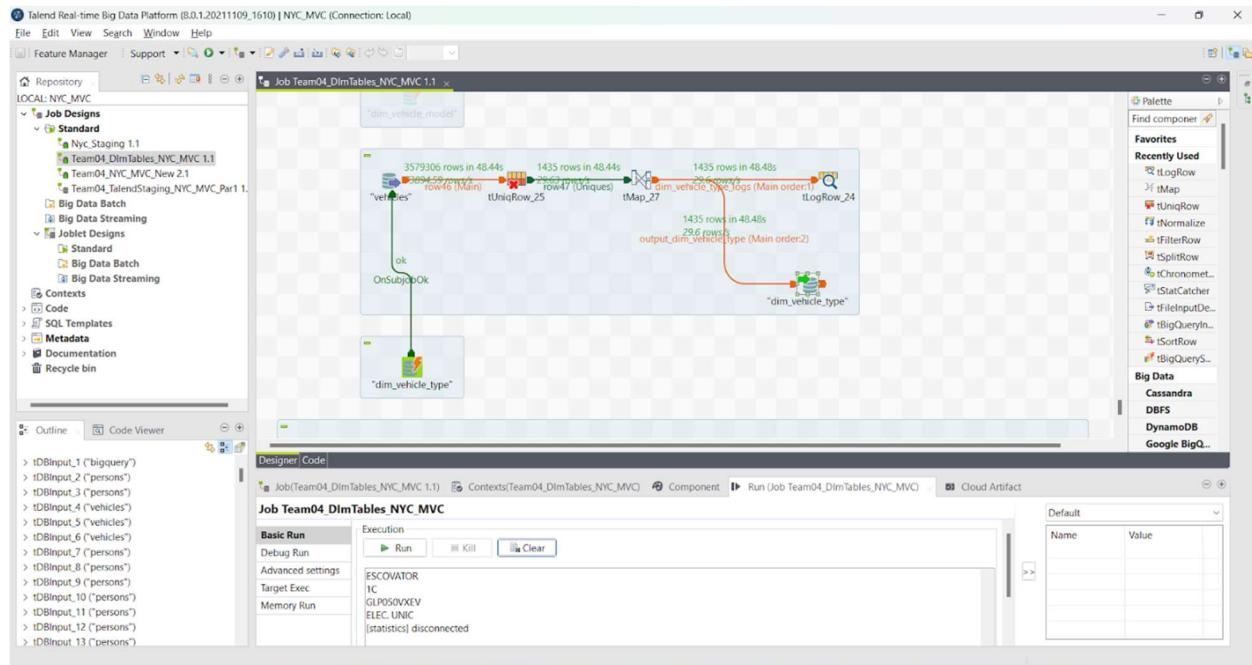
## 23. Dim\_vehicle\_model

Total row count – 2066



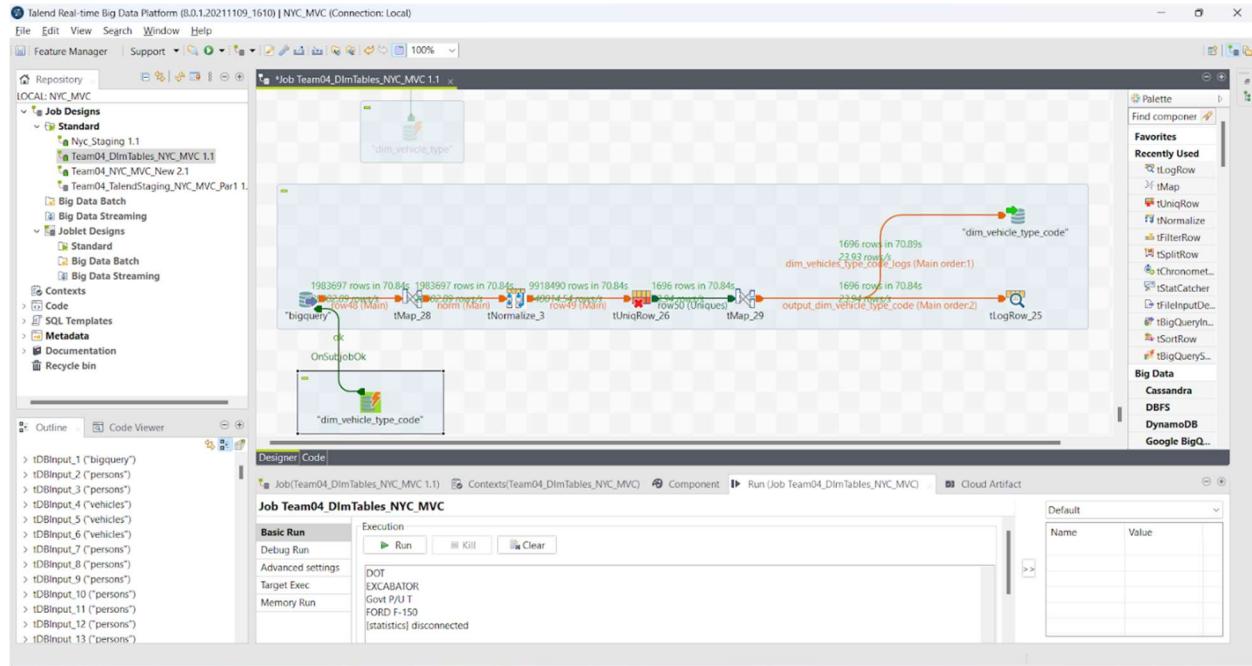
## 24. Dim\_vehicle\_type

Total row count – 1435



## 25. Dim\_vehicle\_type\_code

Total row count – 1696



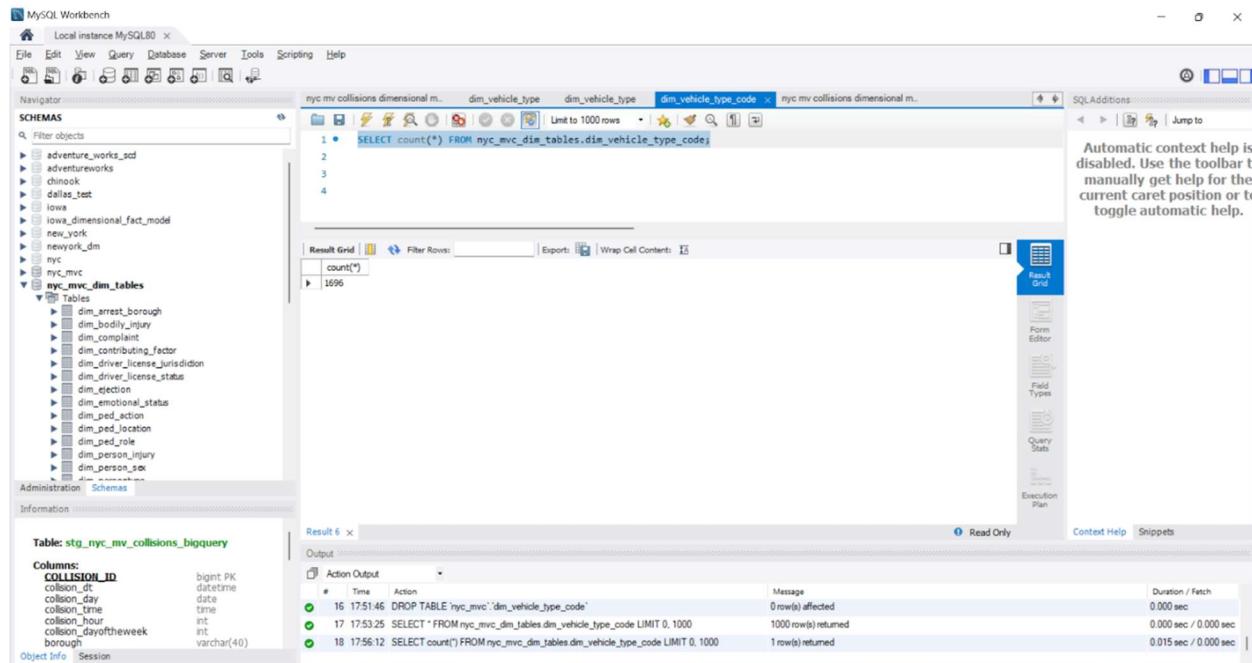
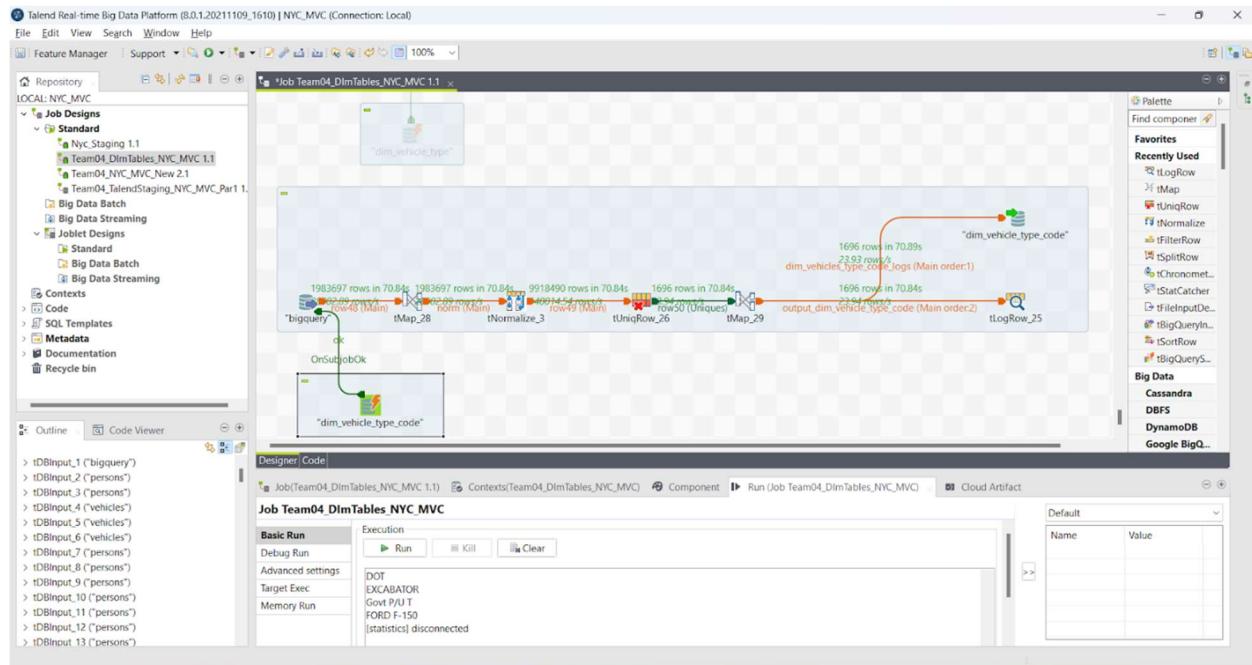
The screenshot shows the MySQL Workbench interface with a connection to "Local instance MySQL80". A query window titled "dim\_vehicle\_type\_code" is open, displaying the following SQL code:

```
1 • SELECT count(*) FROM nyc_mvc.dim_tables.dim_vehicle_type_code
```

The result grid shows a single row with the value 1696. The right side of the interface shows various toolbars and panels for managing queries and results.

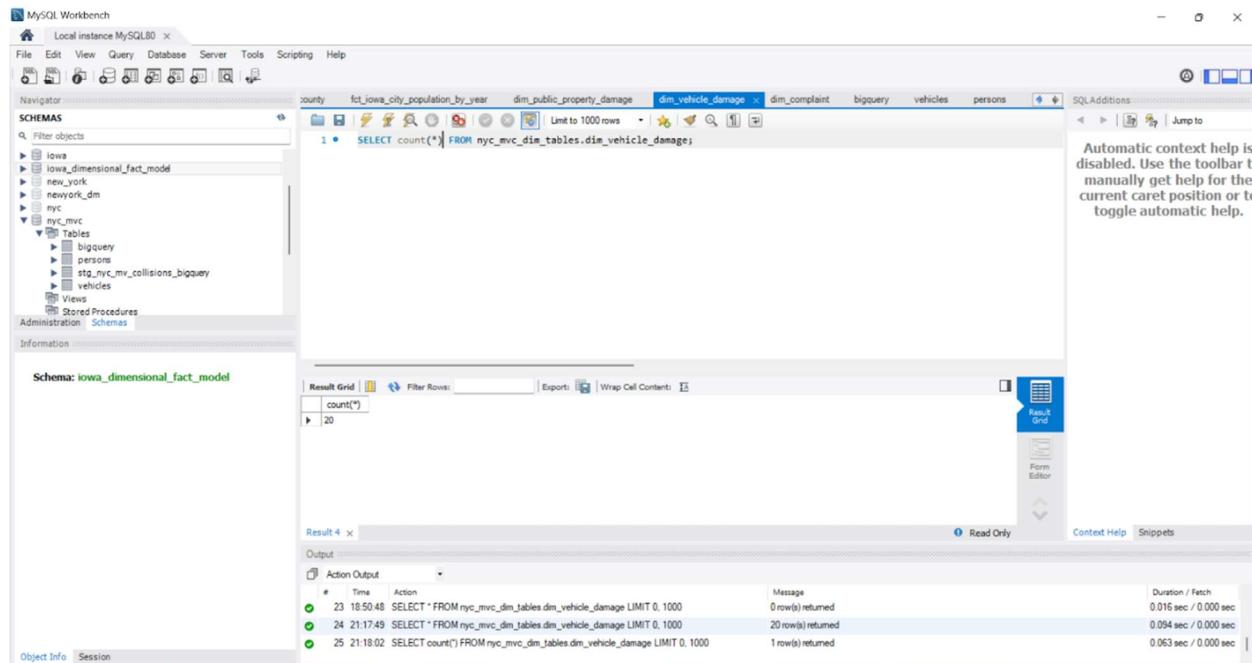
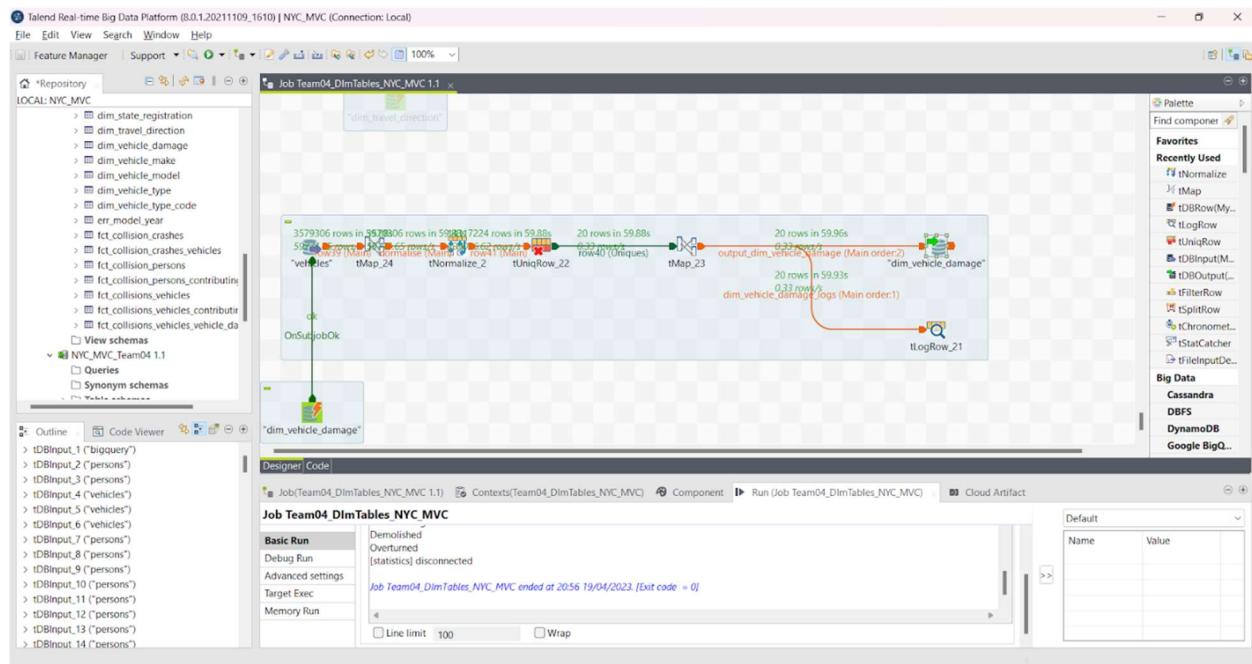
## 26. Dim\_Err\_model\_year

Total row count – 1730



## 27. Dim\_vehicle\_damage

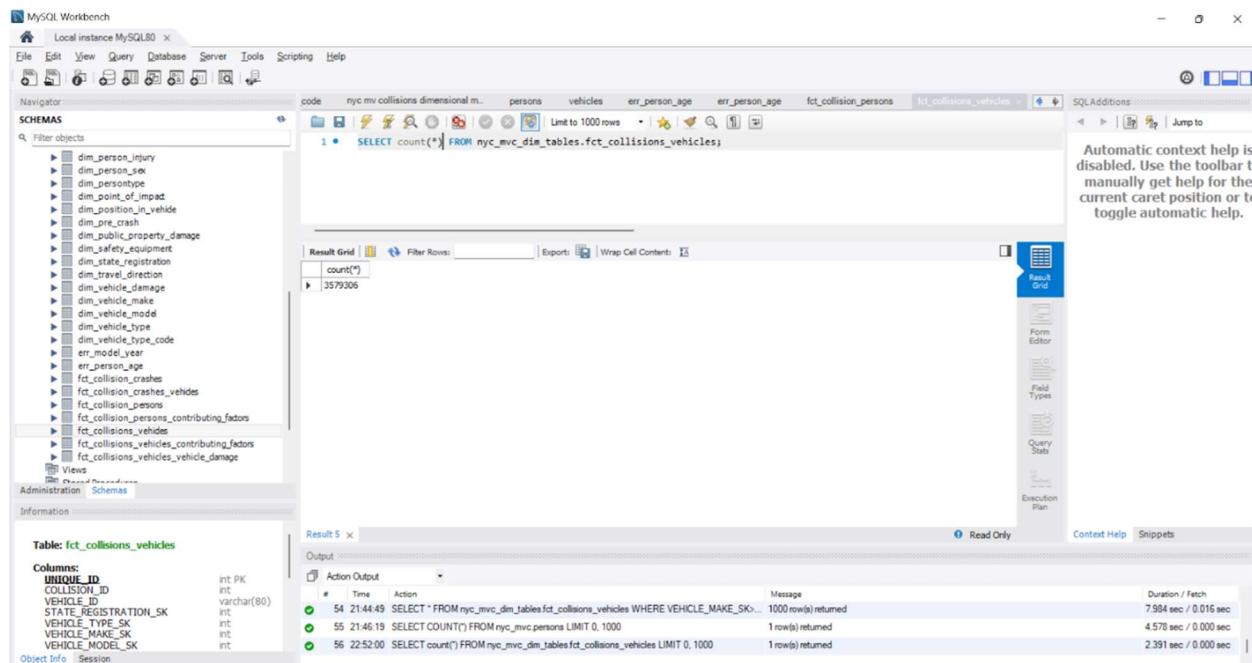
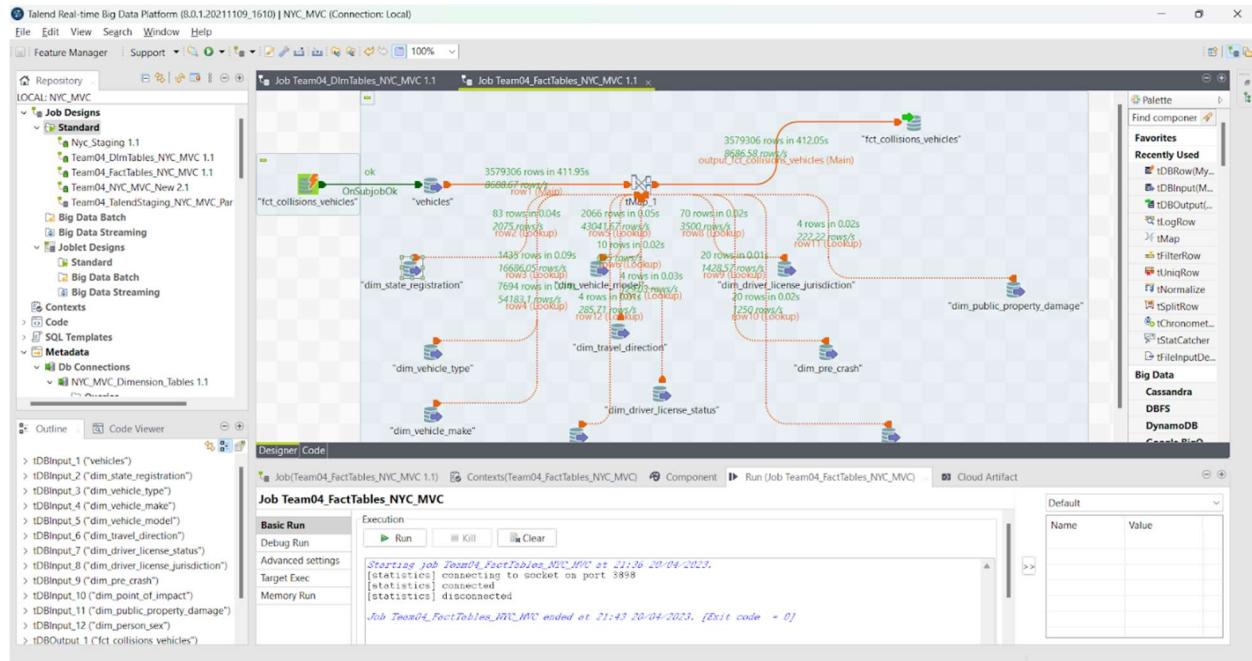
Total row count – 20



## Fact Tables:

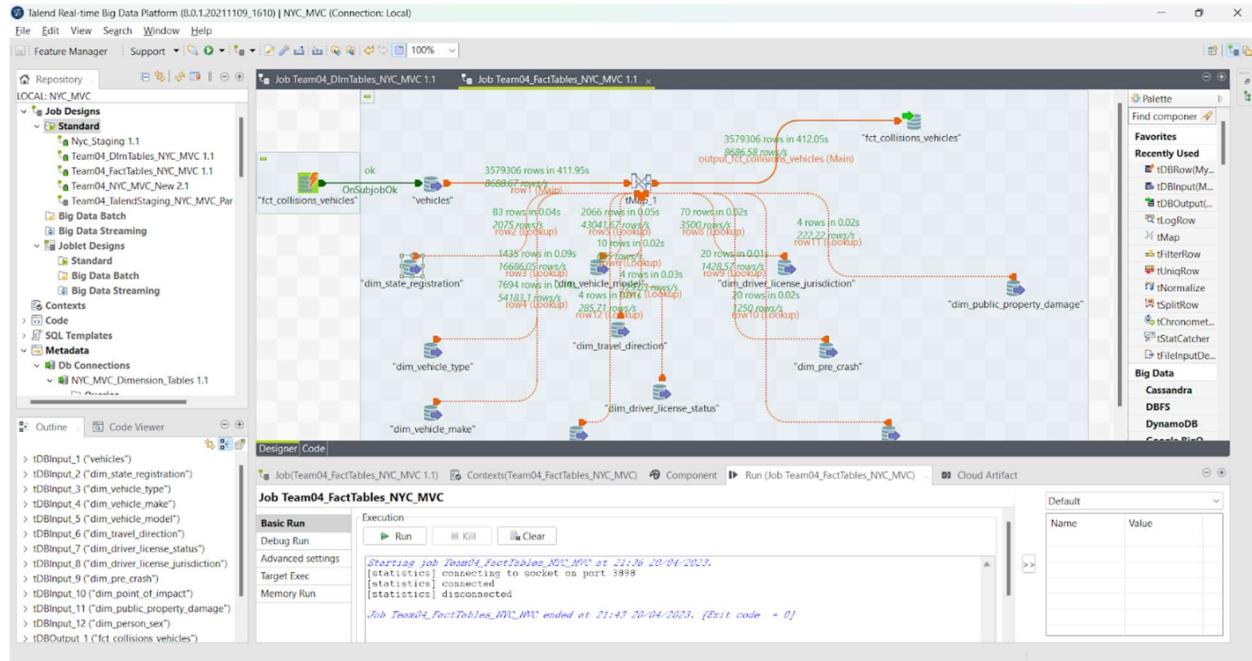
### 1. Fct\_collision\_crashes

Total row count – 963202



## 2. Fct\_collision\_crashes\_vehicles

Total row count – 543023



MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

Table: fct\_collisions\_vehicles

Columns:

- UNIQUE\_ID
- VEHICLE\_ID
- STATE\_REGISTRATION\_SK
- VEHICLE\_TYPE\_SK
- VEHICLE\_MAKE\_SK
- VEHICLE\_MODEL\_SK
- VEHICLE\_TYPE\_CODE

Result Grid

count(\*)

3579306

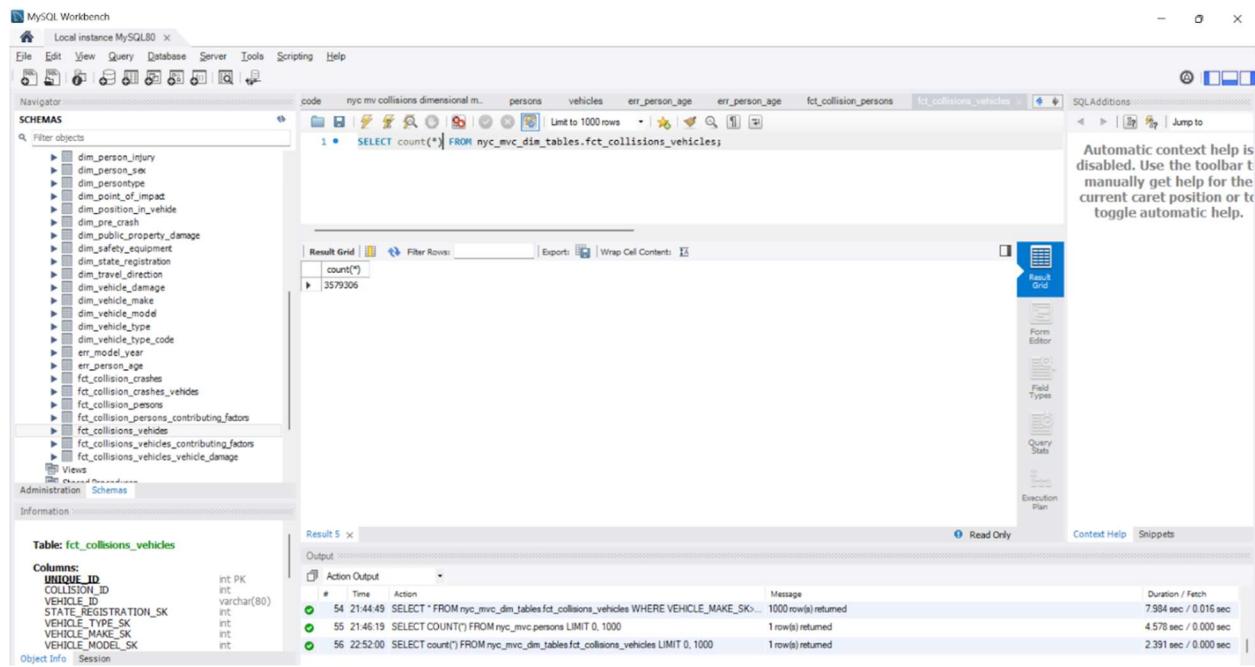
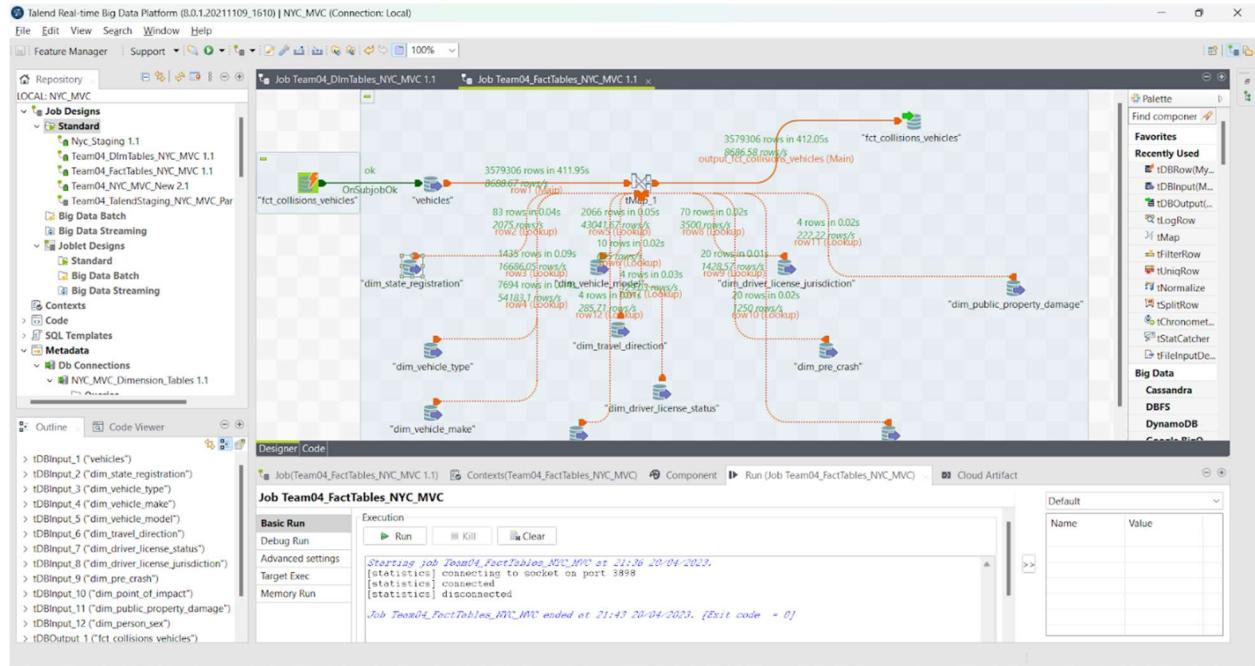
Result 5

Action Output

#	Time	Action	Message	Duration / Fetch
54	21:44:49	SELECT * FROM nyc_mvc_dim_tables.fct_collisions_vehicles WHERE VEHICLE_MAKE_SK = 'FORD'	5000 row(s) returned	7.984 sec / 0.016 sec
55	21:46:19	SELECT COUNT() FROM nyc_mvc.dim_persons LIMIT 0, 1000	1 row(s) returned	4.578 sec / 0.000 sec
56	22:52:00	SELECT count(*) FROM nyc_mvc.dim_tables.fct_collisions_vehicles LIMIT 0, 1000	1 row(s) returned	2.391 sec / 0.000 sec

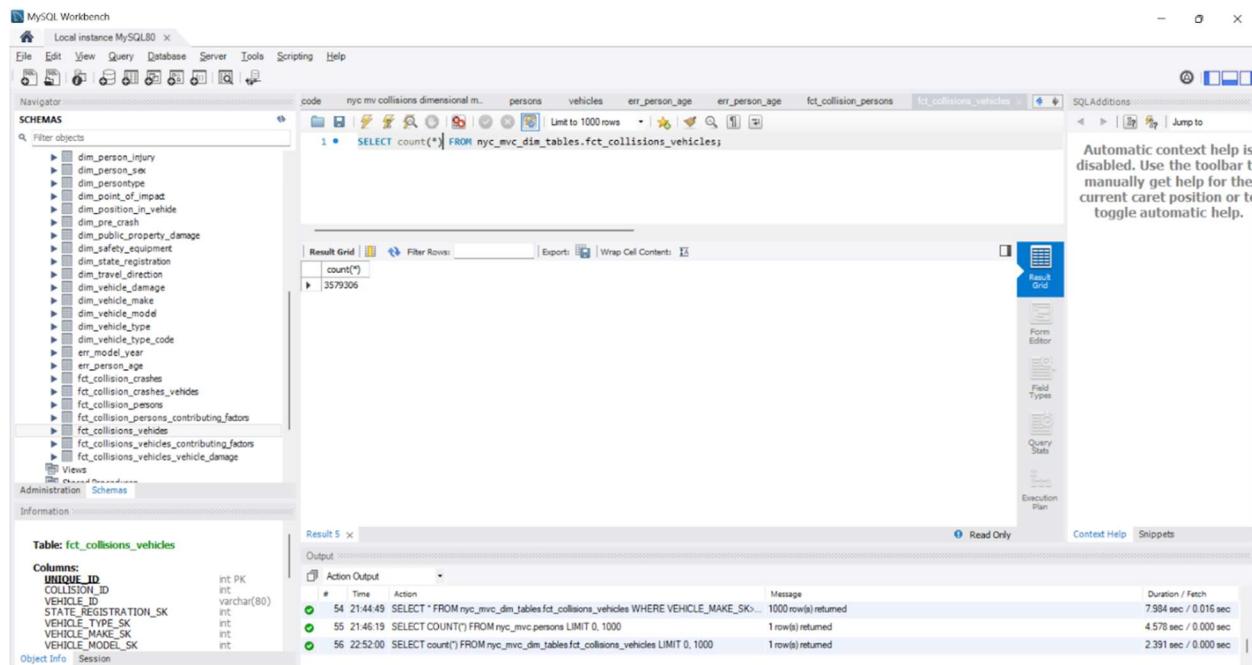
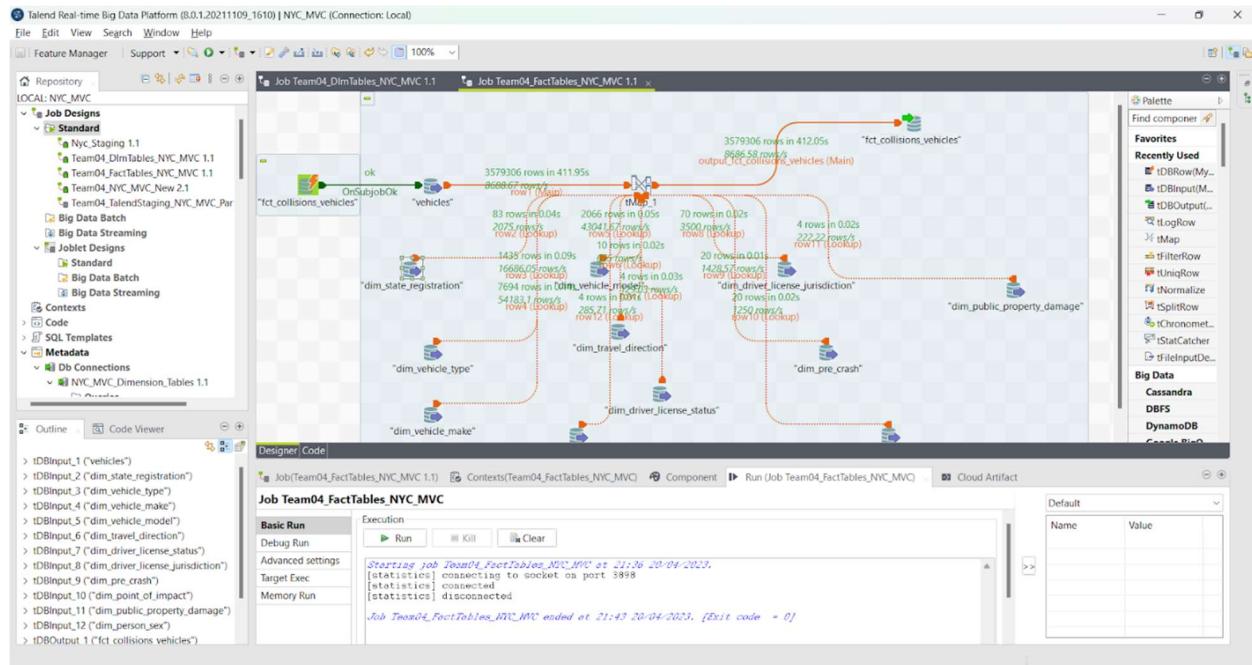
### 3. Fct\_collision\_persons

Total row count – 1012317



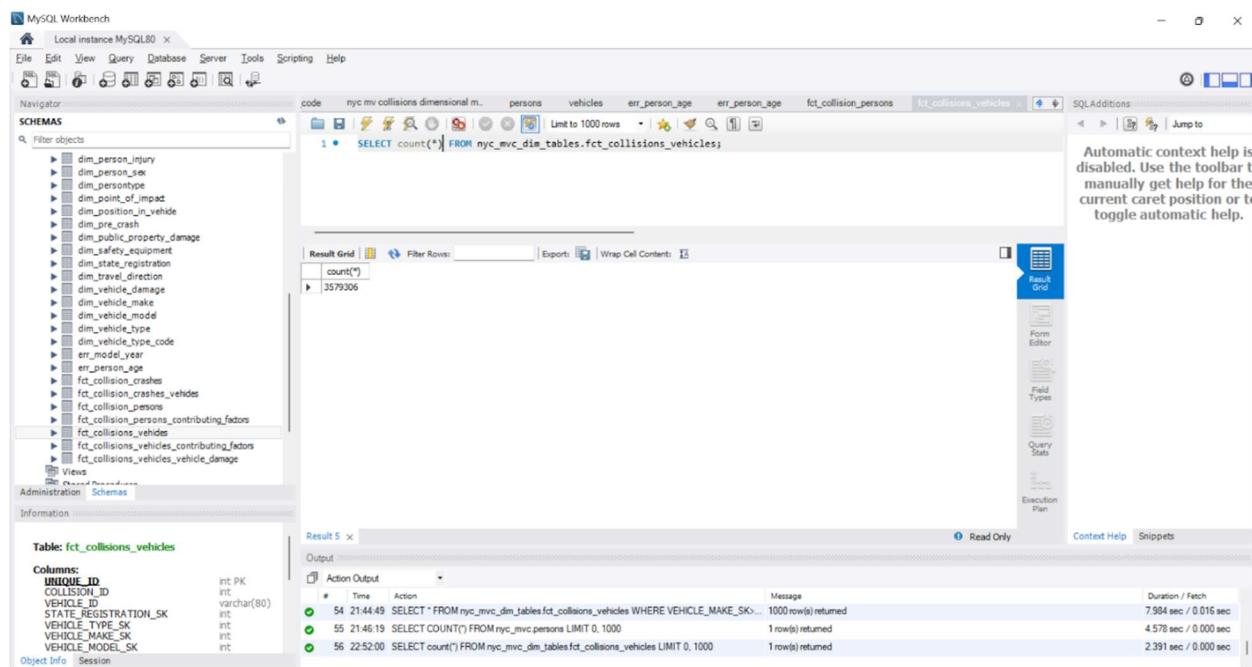
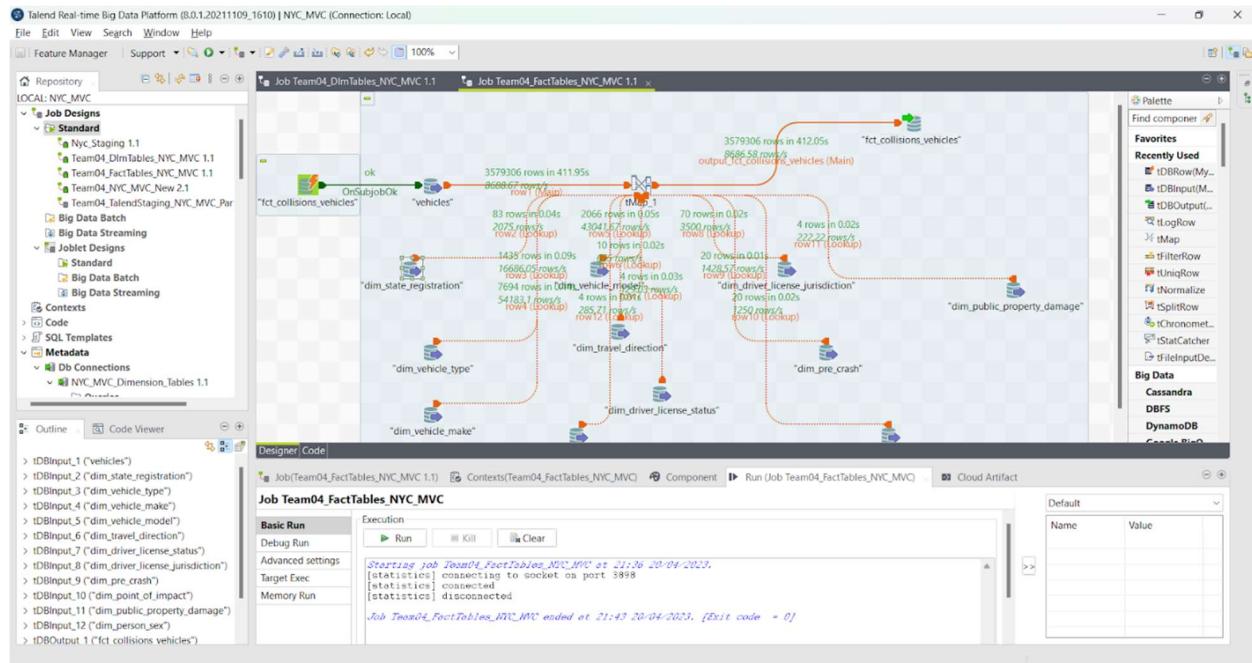
#### 4. Fct\_collision\_persons\_contributing\_factors

Total row count – 439059



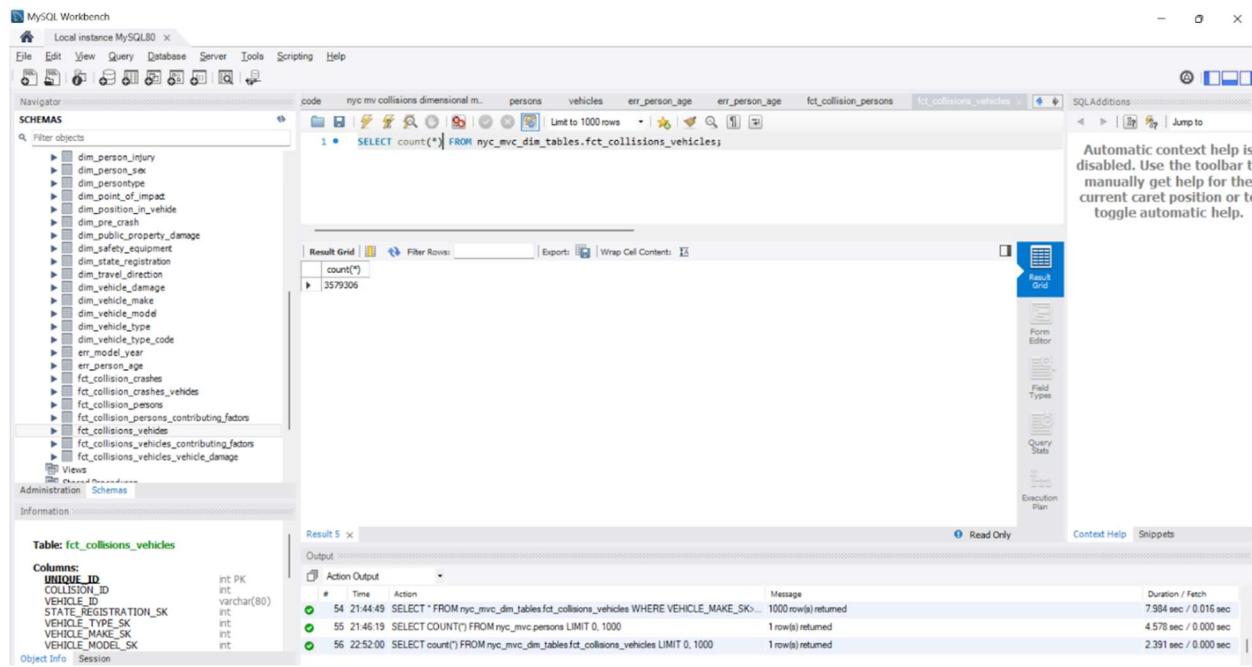
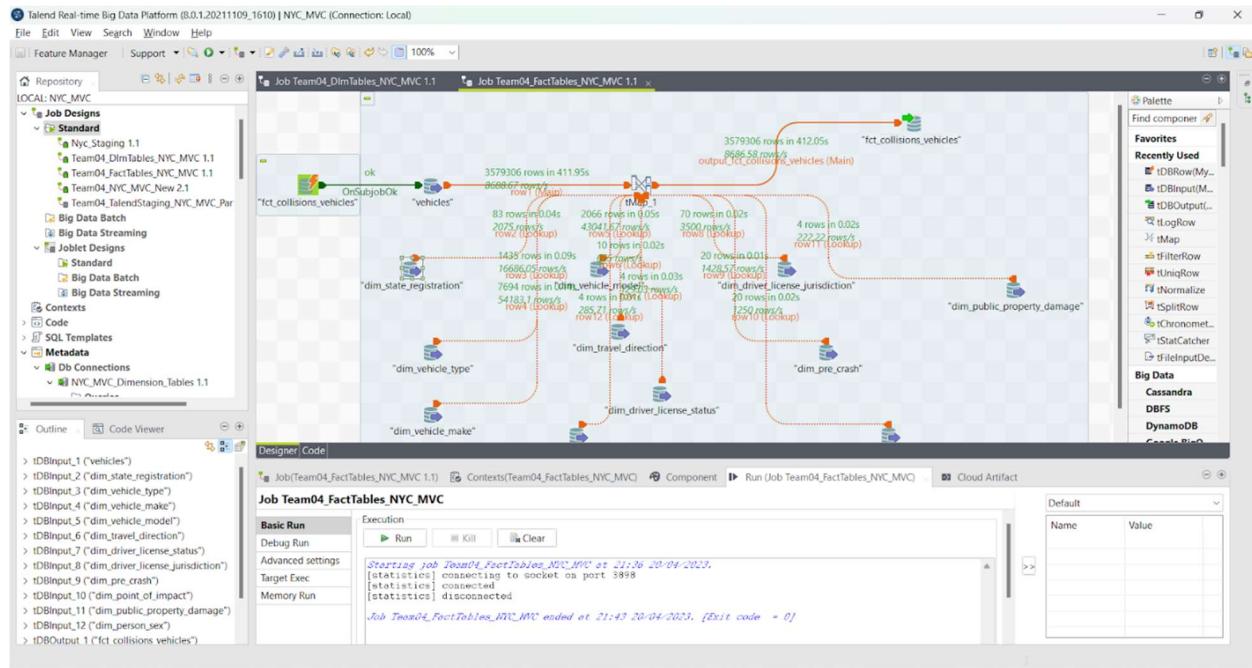
## 5. Fct\_collisions\_vehicles

Total row count – 3579306



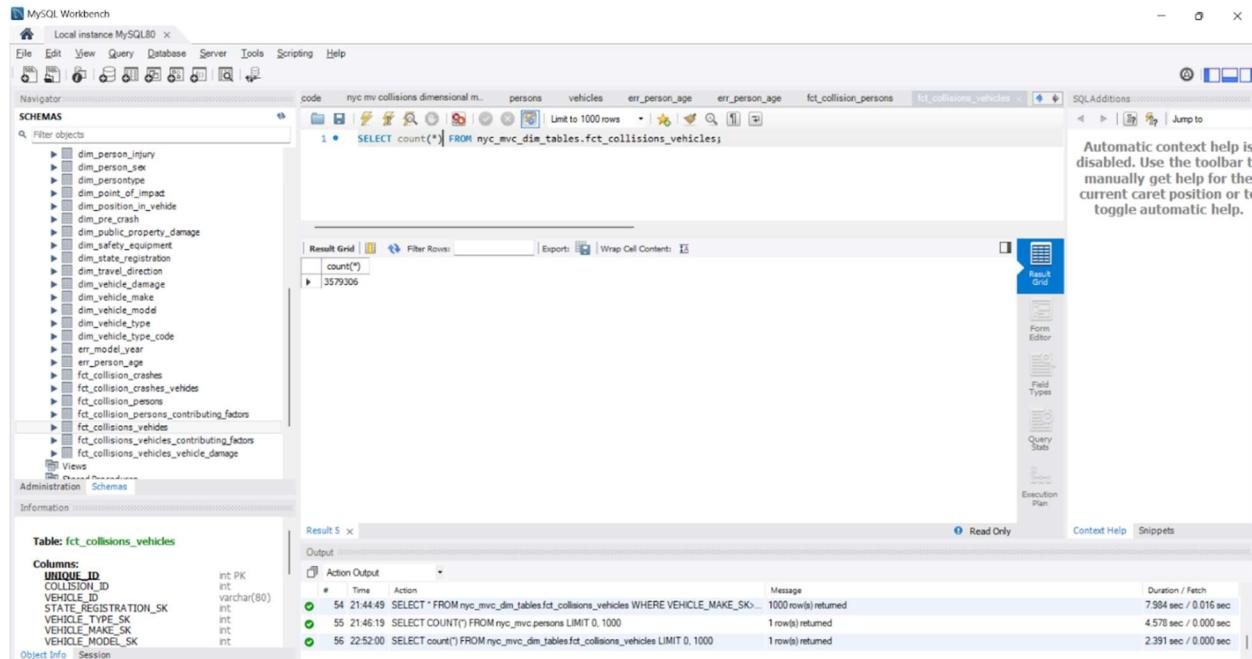
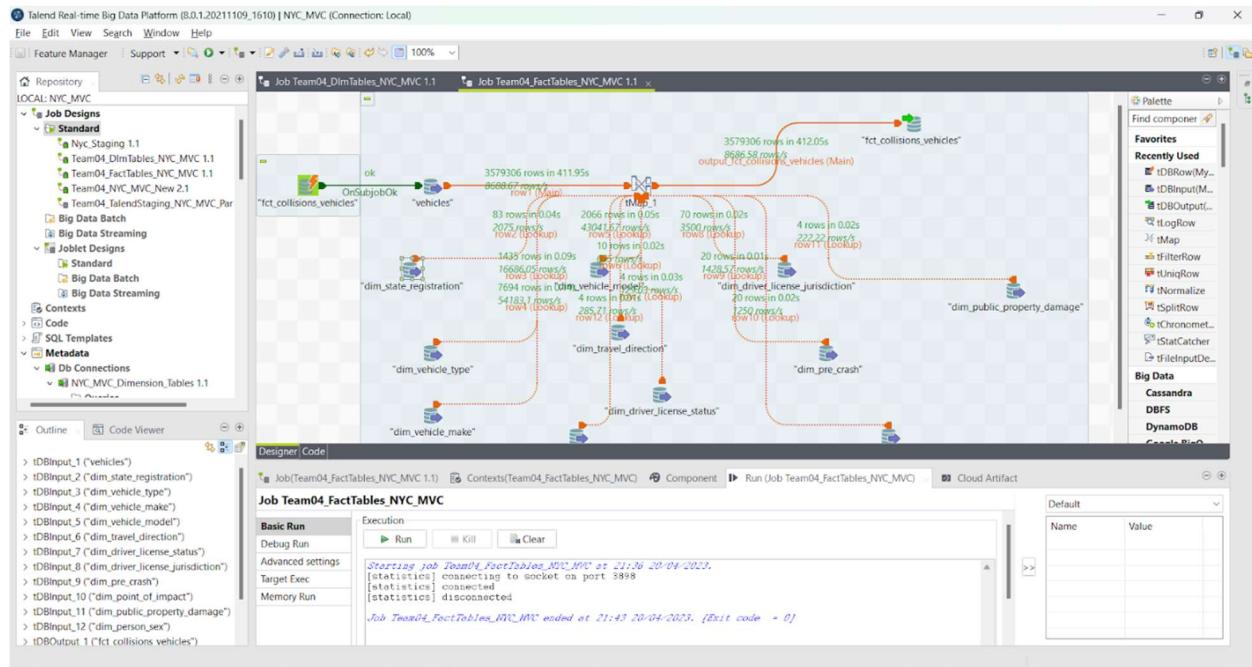
#### 6. fct\_collisions\_vehicles\_contributing\_factors

Total row count – 543873



## 7. Fct\_collisions\_vehicles\_vehicle\_damage

Total row count – 298543



**Data Cleansing Tasks:**

1. In Dim\_travel\_direction, there were some redundant columns with directions descriptions
2. Persons\_Age have many invalid values.
3. Vehiche\_Year also had many invalid values.