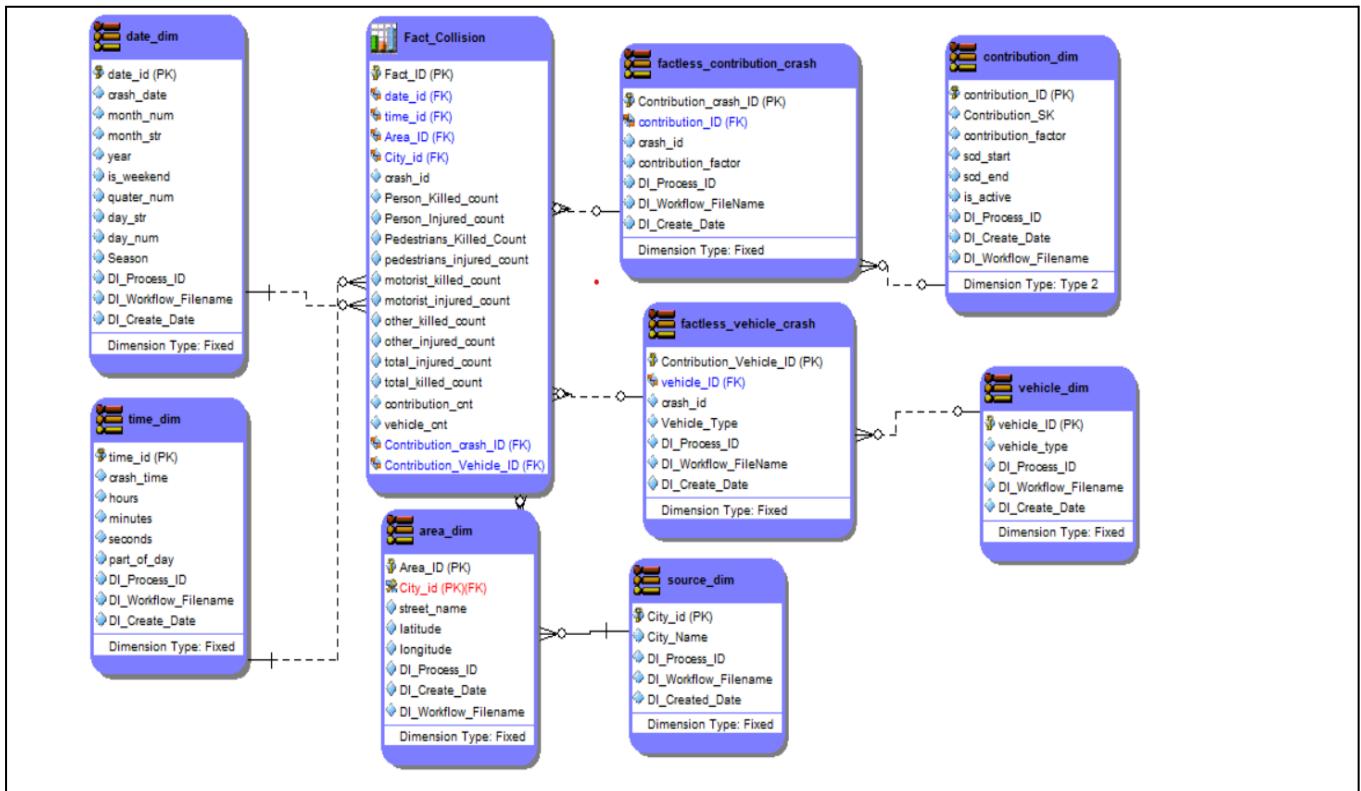


Dimensional Model:



Mapping Document/Sheet:

Group_19_Mapping

Common Attribute Description

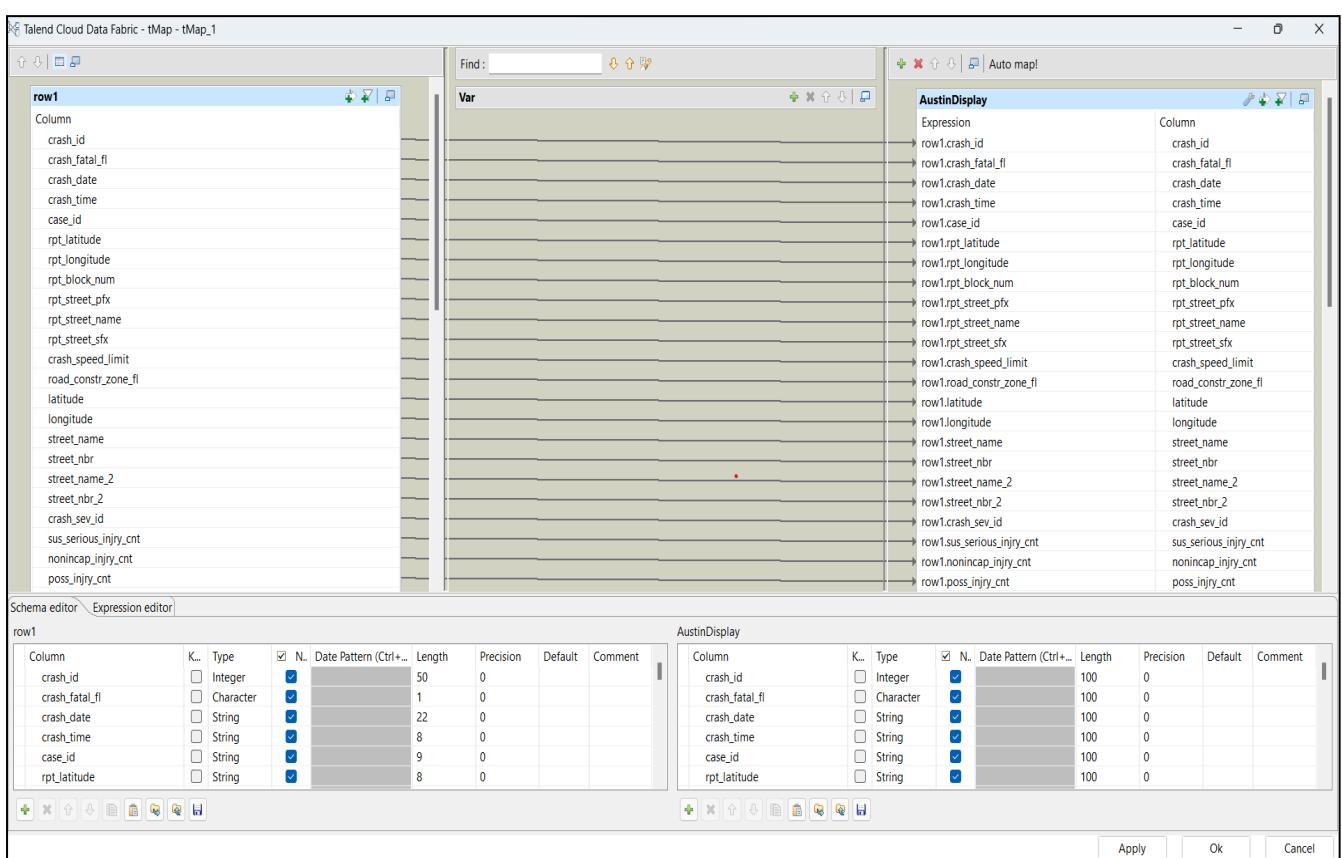
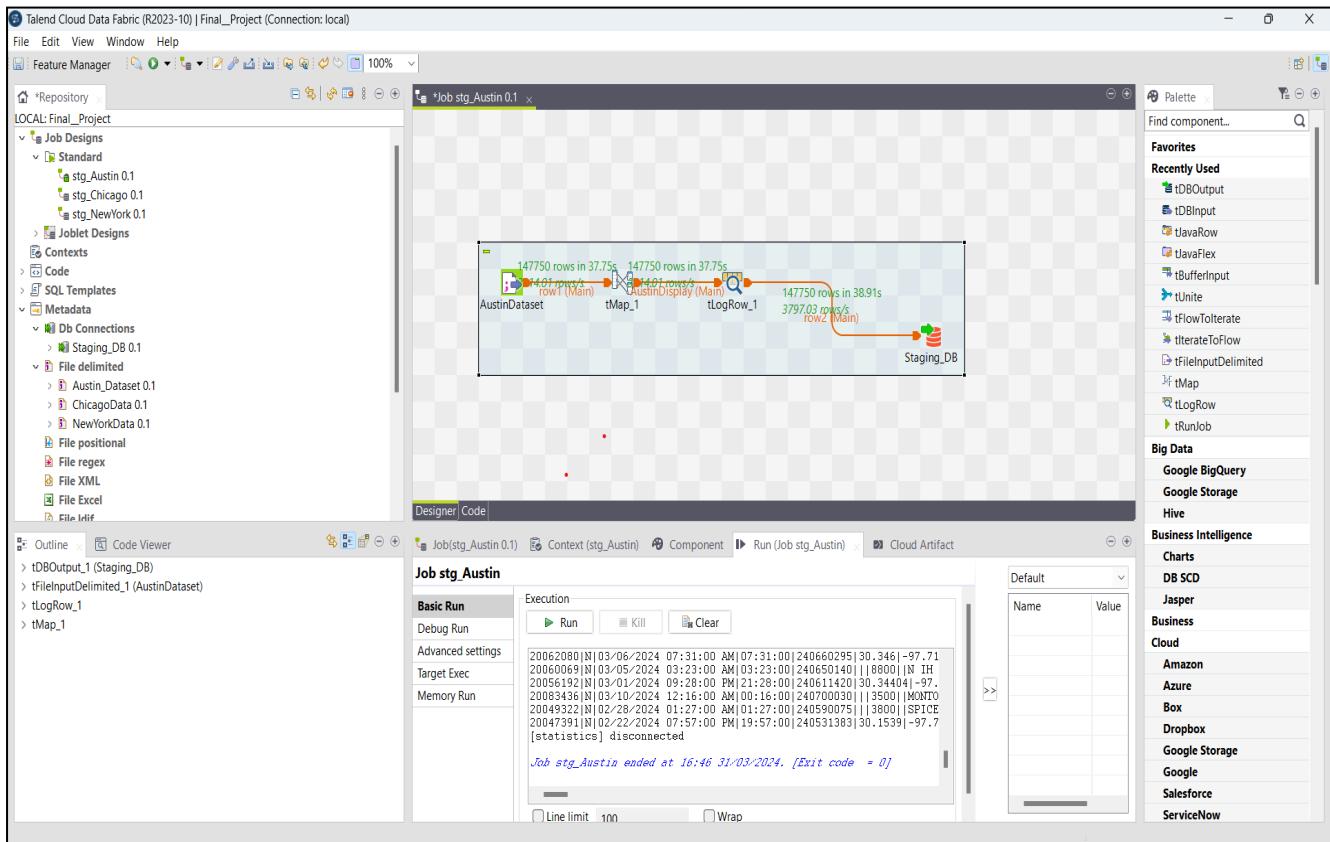
A	B	C	D	E	F
1 Common Attribute Description	Chicago	Austin	New York		
2 Unique-ID	CRASH_RECORD_ID	crash_id, case_id	COLLISION_ID		
3 Crash - Date and Time	CRASH_DATE	crash_date	CRASH DATE, CRASH TIME		
4 Location	LATITUDE, LONGITUDE, LOCATION	latitude, longitude, point	LATITUDE, LONGITUDE, LOCATION		
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:

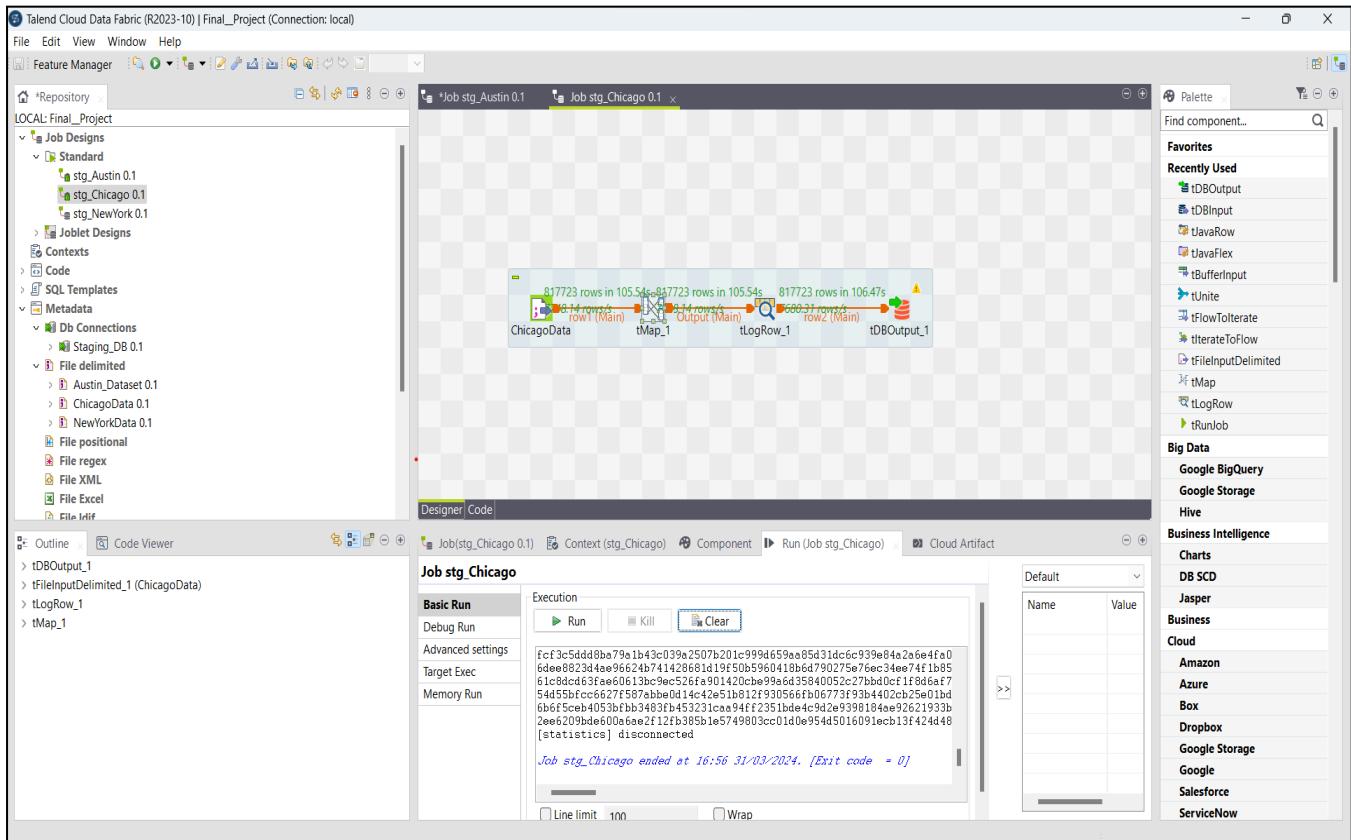
<https://docs.google.com/spreadsheets/d/12R6idm4cFz-ejbFvljmg7Ev5yz9K7DXFa7mxccYgQCU/edit?usp=sharing>

Talend:

Austin Stage:



Chicago Stage:



Talend Cloud Data Fabric - tMap - tMap_1

row1

Column	K..	Type	N..	Date Pattern (Ctrl+...)	Length	Precision	Default	Comment
CRASH_RECORD_ID	<input type="checkbox"/>	String	<input checked="" type="checkbox"/>		128	0		
CRASH_DATE_EST_J	<input type="checkbox"/>	String	<input checked="" type="checkbox"/>		1	0		
CRASH_DATE	<input type="checkbox"/>	String	<input checked="" type="checkbox"/>		22	0		
POSTED_SPEED_LIMIT	<input type="checkbox"/>	Integer	<input checked="" type="checkbox"/>		2	0		
TRAFFIC_CONTROL_DEVICE	<input type="checkbox"/>	String	<input checked="" type="checkbox"/>		18	0		
DEVICE_CONDITION	<input type="checkbox"/>	String	<input checked="" type="checkbox"/>		22	0		

Var

Output	Expression	Column
row1.CRASH_RECORD_ID	row1.CRASH_RECORD_ID	CRASH_RECORD_ID
row1.CRASH_DATE_EST_J	row1.CRASH_DATE_EST_J	CRASH_DATE_EST_J
row1.CRASH_DATE	row1.CRASH_DATE	CRASH_DATE
row1.POSTED_SPEED_LIMIT	row1.POSTED_SPEED_LIMIT	POSTED_SPEED_LIMIT
row1.TRAFFIC_CONTROL_DEVICE	row1.TRAFFIC_CONTROL_DEVICE	TRAFFIC_CONTROL_DEVICE
row1.DEVICE_CONDITION	row1.DEVICE_CONDITION	DEVICE_CONDITION
row1.WEATHER_CONDITION	row1.WEATHER_CONDITION	WEATHER_CONDITION
row1.LIGHTING_CONDITION	row1.LIGHTING_CONDITION	LIGHTING_CONDITION
row1.FIRST_CRASH_TYPE	row1.FIRST_CRASH_TYPE	FIRST_CRASH_TYPE
row1.TRAFFICWAY_TYPE	row1.TRAFFICWAY_TYPE	TRAFFICWAY_TYPE
row1.LANE_CNT	row1.LANE_CNT	LANE_CNT
row1.ALIGNMENT	row1.ALIGNMENT	ALIGNMENT
row1.ROADWAY_SURFACE_COND	row1.ROADWAY_SURFACE_COND	ROADWAY_SURFACE_COND
row1.ROAD_DEFECT	row1.ROAD_DEFECT	ROAD_DEFECT
row1.REPORT_TYPE	row1.REPORT_TYPE	REPORT_TYPE
row1.CRASH_TYPE	row1.CRASH_TYPE	CRASH_TYPE
row1.INTERSECTION RELATED_I	row1.INTERSECTION RELATED_I	INTERSECTION RELATED_I
row1.NOT_RIGHT_OF_WAY_J	row1.NOT_RIGHT_OF_WAY_J	NOT_RIGHT_OF_WAY_J
row1.HIT_AND_RUN_J	row1.HIT_AND_RUN_J	HIT_AND_RUN_J
row1.DAMAGE	row1.DAMAGE	DAMAGE
row1.DATE_POLICE_NOTIFIED	row1.DATE_POLICE_NOTIFIED	DATE_POLICE_NOTIFIED
row1.PRIM_CONTRIBUTORY_CAUSE	row1.PRIM_CONTRIBUTORY_CAUSE	PRIM_CONTRIBUTORY_CAUSE
row1.SEC_CONTRIBUTORY_CAUSE	row1.SEC_CONTRIBUTORY_CAUSE	SEC_CONTRIBUTORY_CAUSE

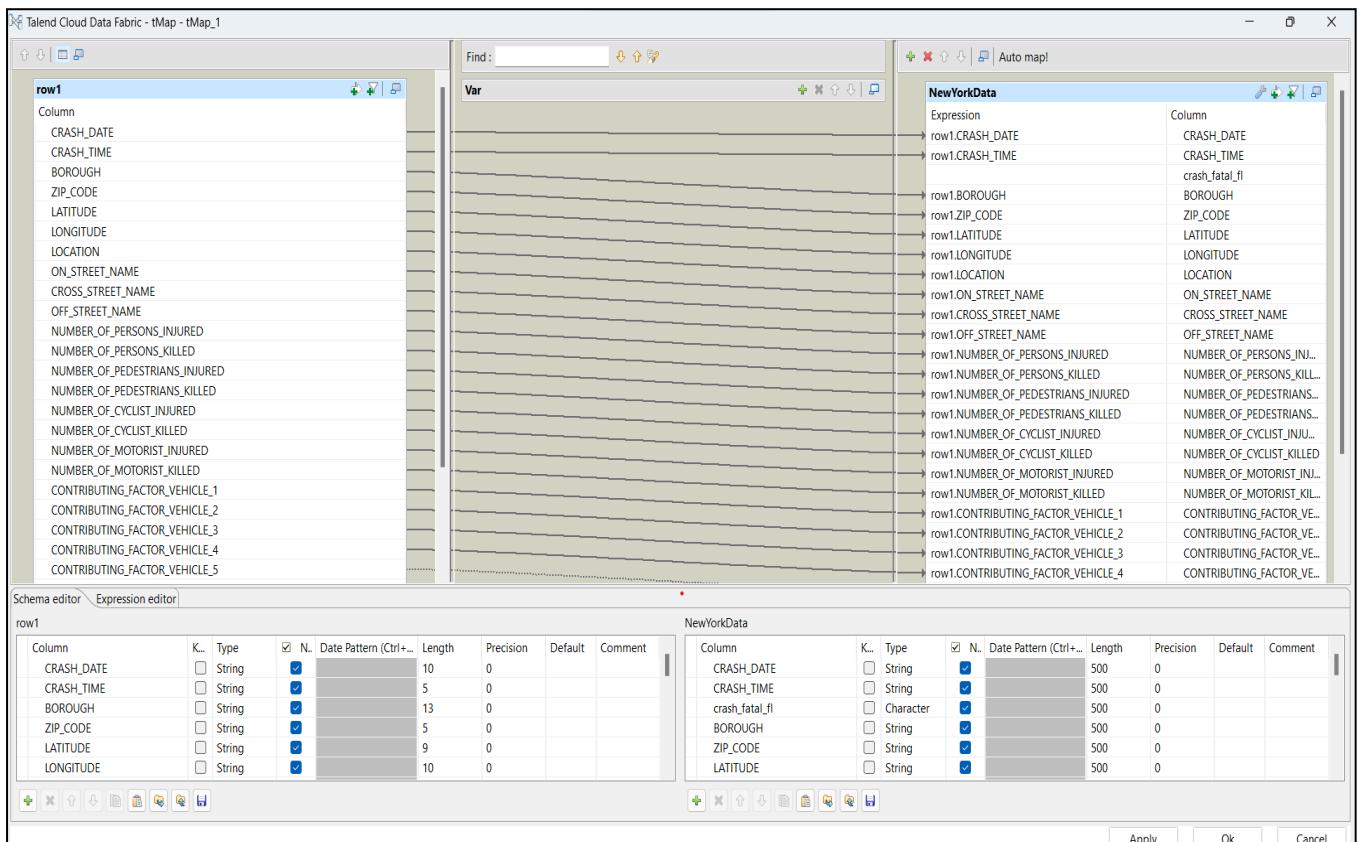
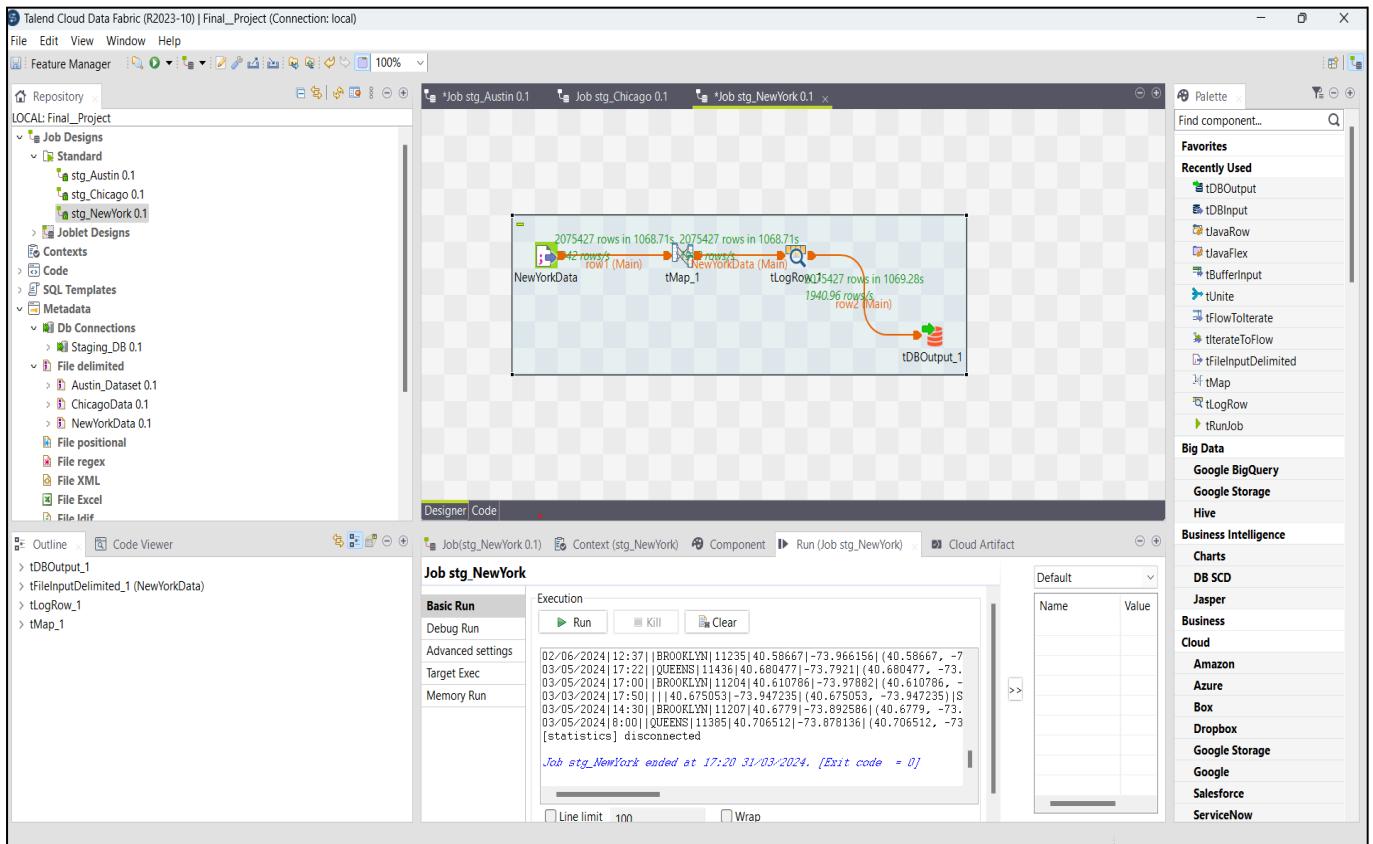
Schema editor Expression editor

row1

Output	Column	K..	Type	N..	Date Pattern (Ctrl+...)	Length	Precision	Default	Comment
CRASH_RECORD_ID	CRASH_RECORD_ID	<input type="checkbox"/>	String	<input checked="" type="checkbox"/>		500	0		
CRASH_DATE_EST_J	CRASH_DATE_EST_J	<input type="checkbox"/>	String	<input checked="" type="checkbox"/>		500	0		
CRASH_DATE	CRASH_DATE	<input type="checkbox"/>	String	<input checked="" type="checkbox"/>		500	0		
POSTED_SPEED_LIMIT	POSTED_SPEED_LIMIT	<input type="checkbox"/>	Integer	<input checked="" type="checkbox"/>		500	0		
TRAFFIC_CONTROL_DEVICE	TRAFFIC_CONTROL_DEVICE	<input type="checkbox"/>	String	<input checked="" type="checkbox"/>		500	0		
DEVICE_CONDITION	DEVICE_CONDITION	<input type="checkbox"/>	String	<input checked="" type="checkbox"/>		500	0		

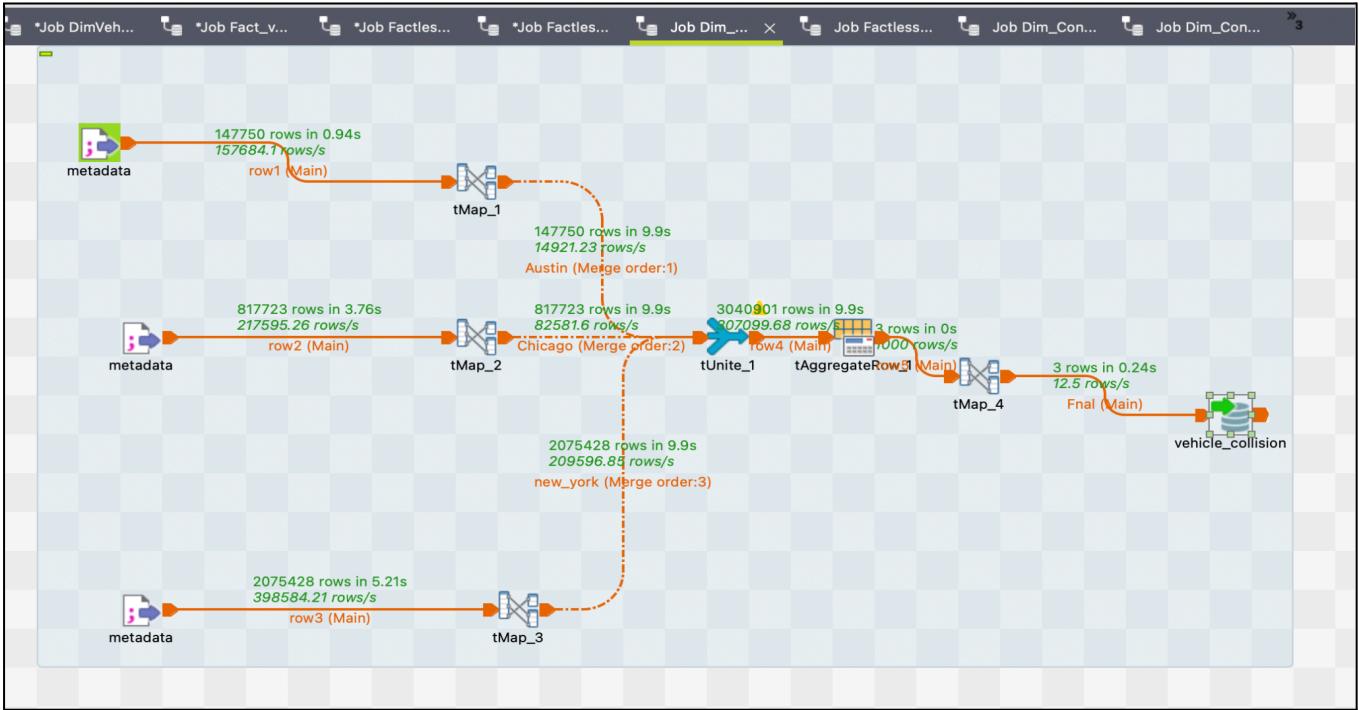
Apply Ok Cancel

New York Stage:

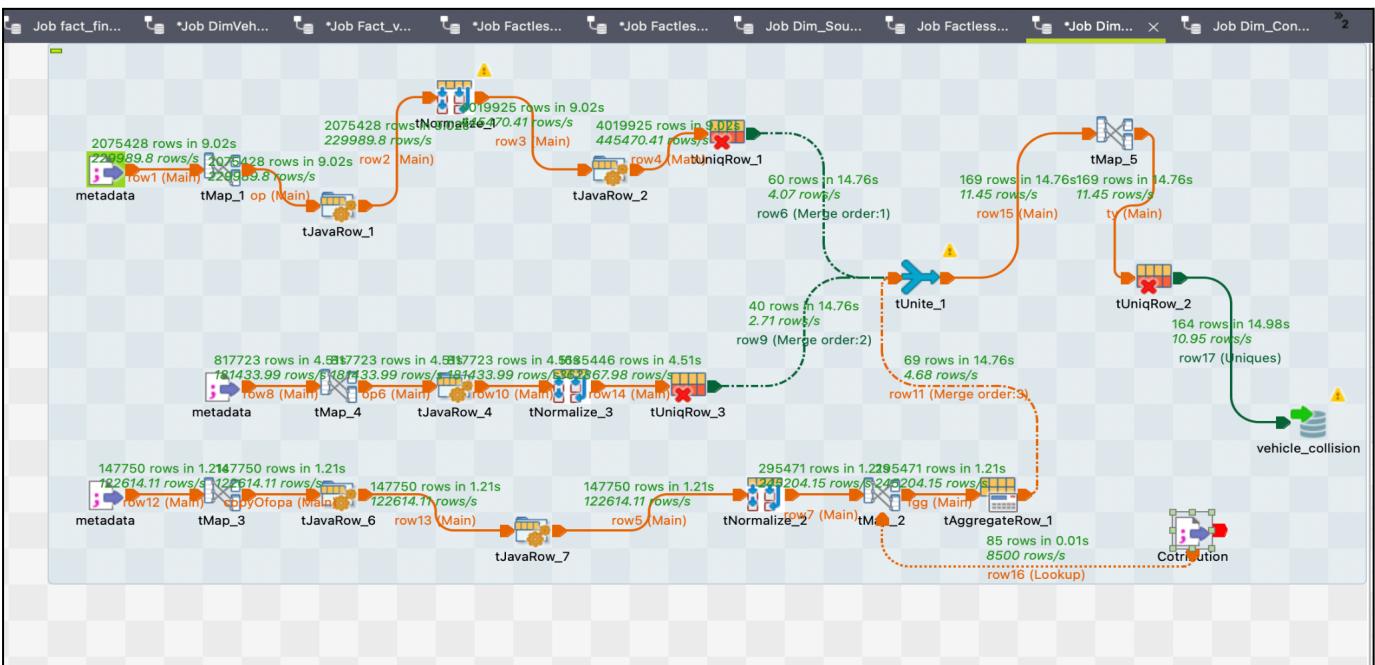


Dimensions:

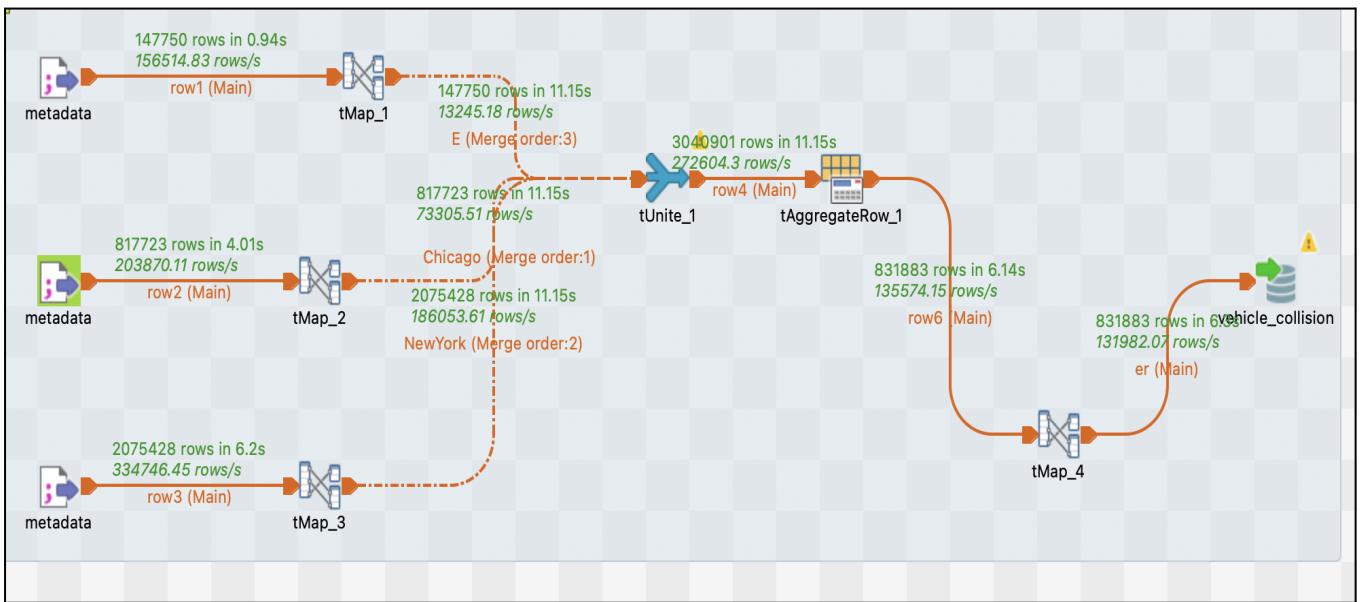
Source Dimension:



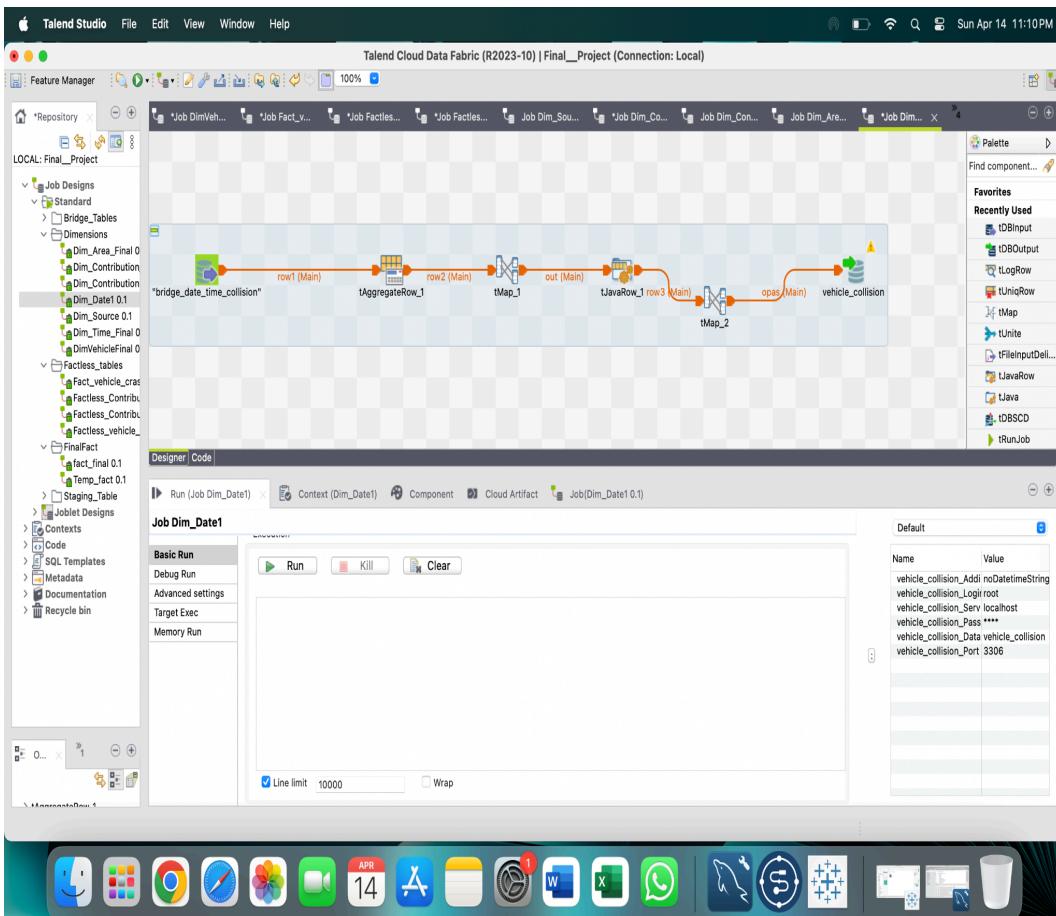
Contribution Dimension:



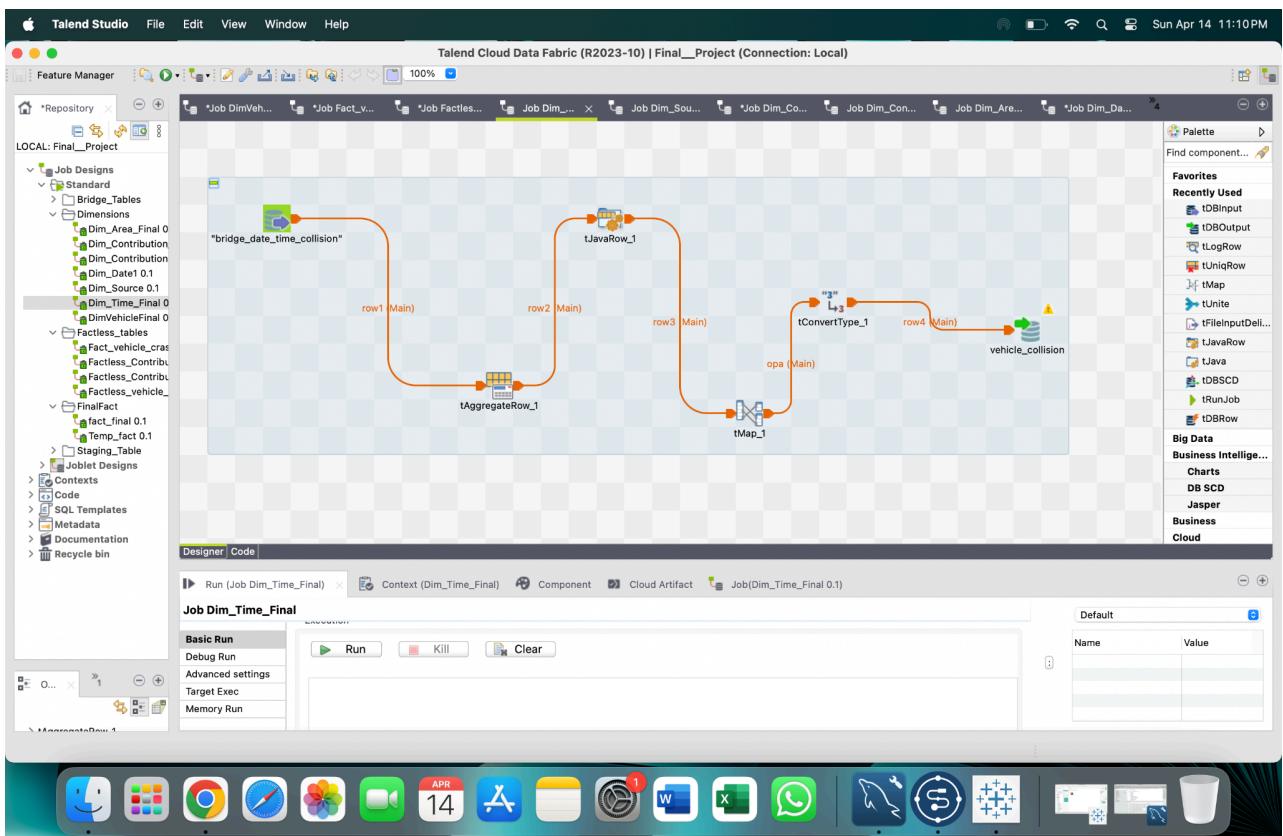
Area Dimension:



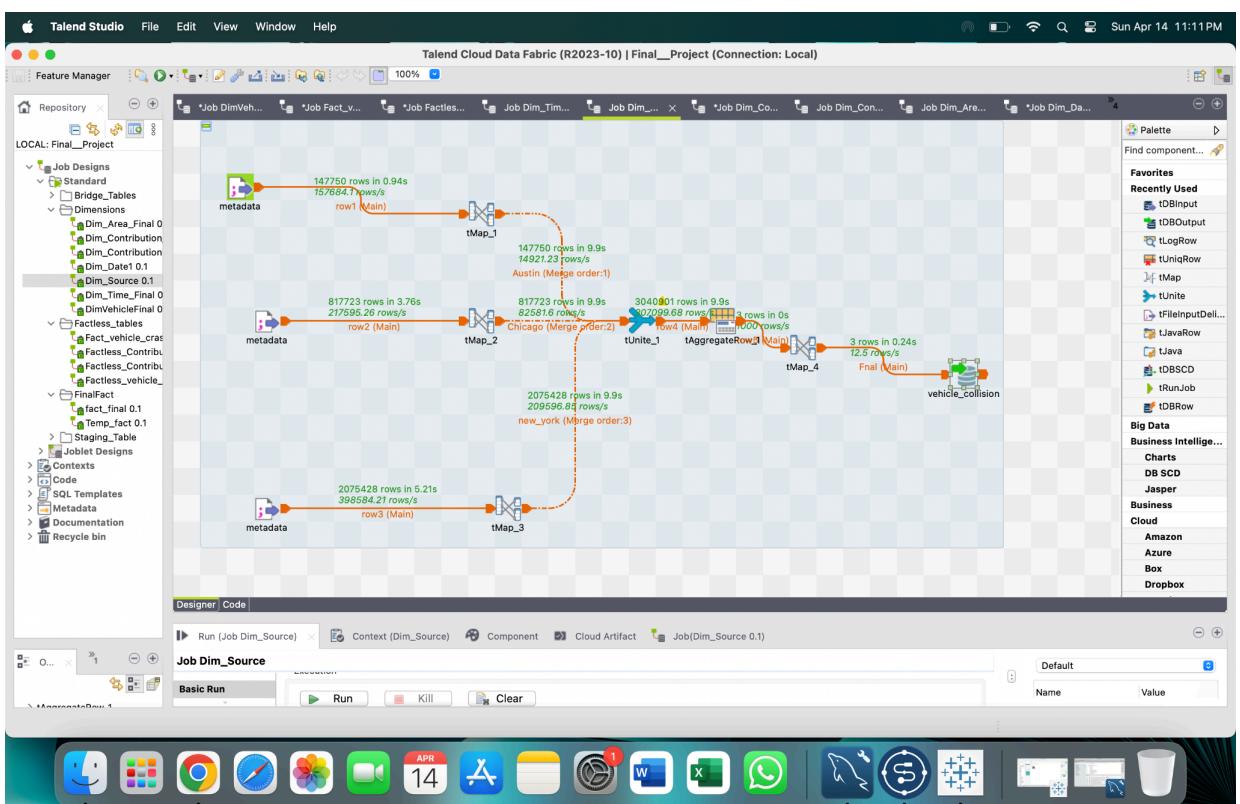
Date Dimension:



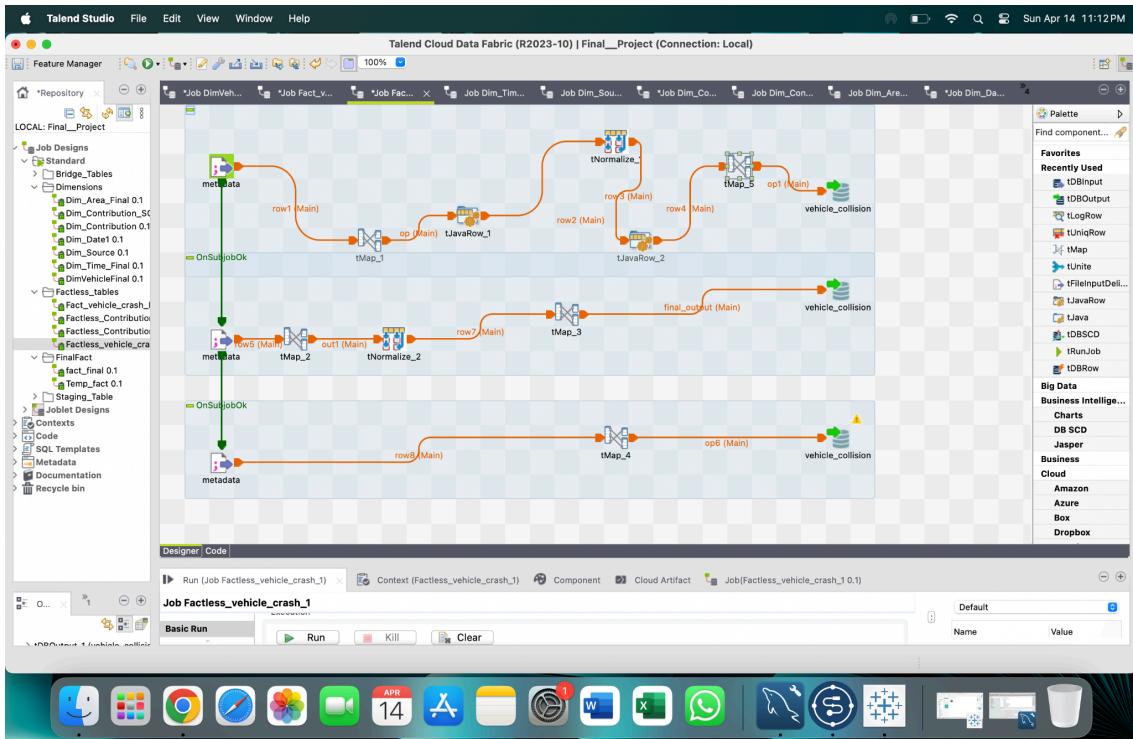
Time Dimension:



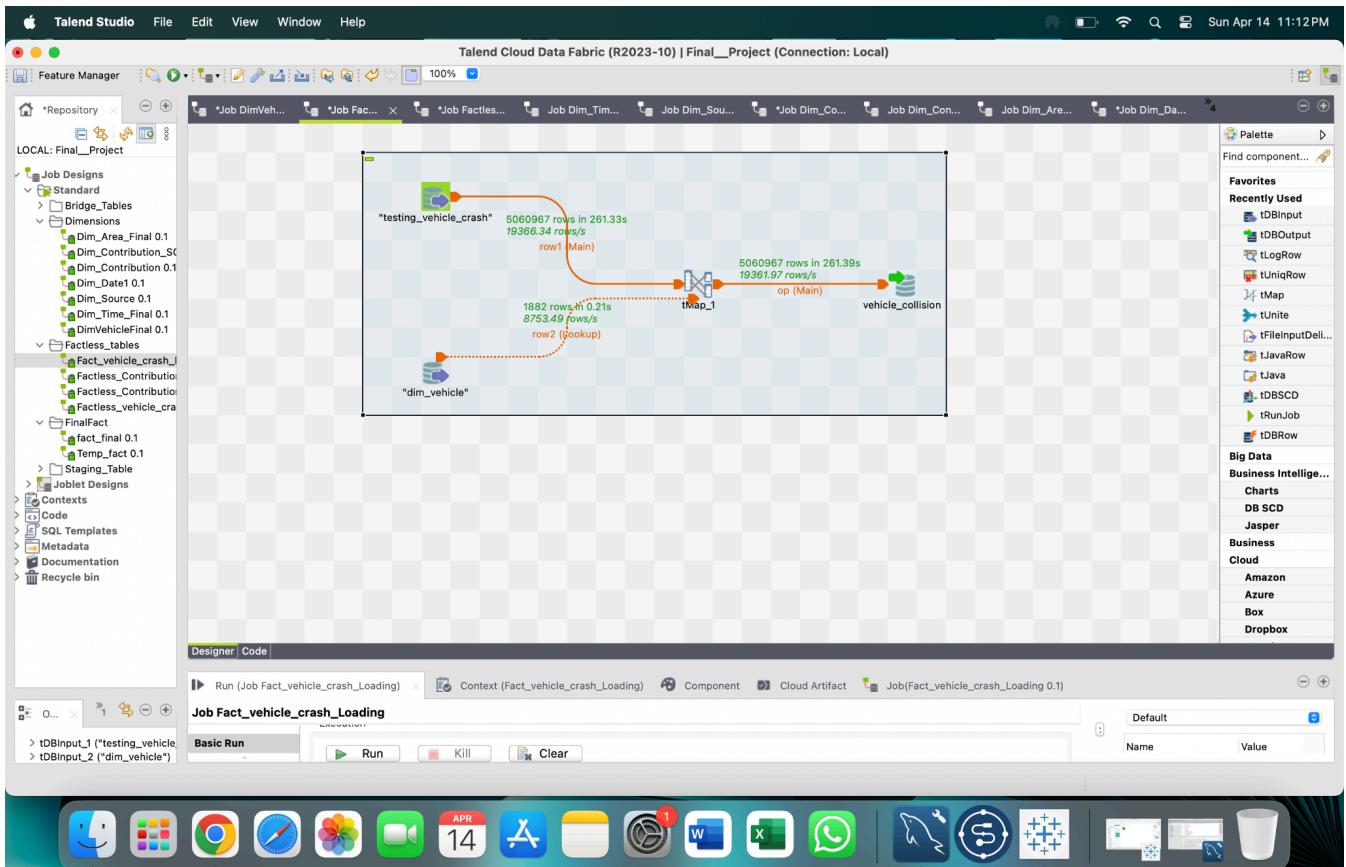
Source Dimension:



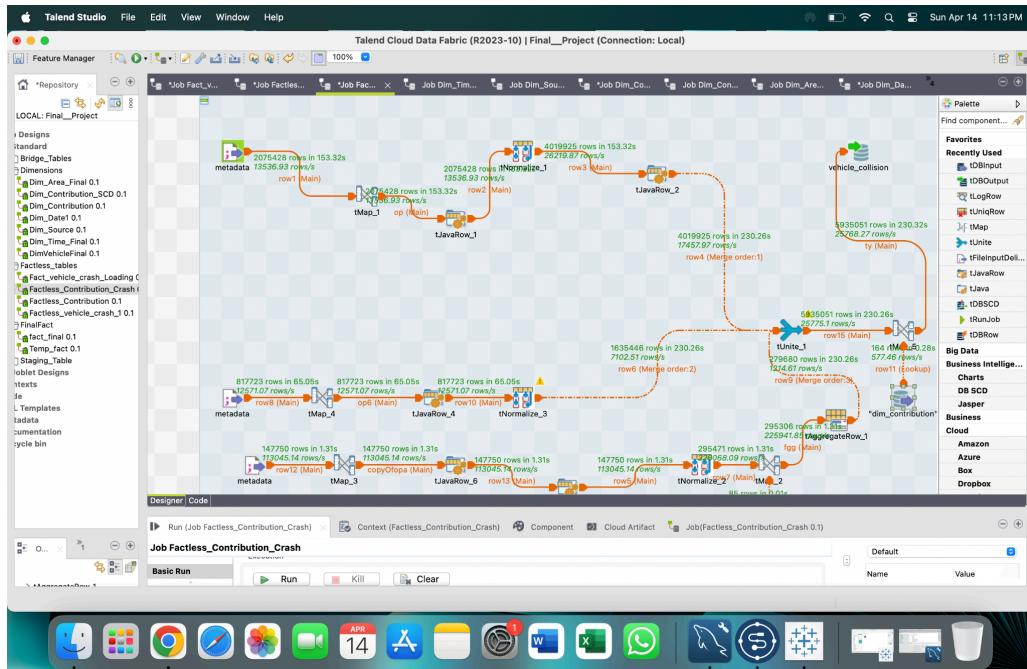
Factless Vehicle Crash -



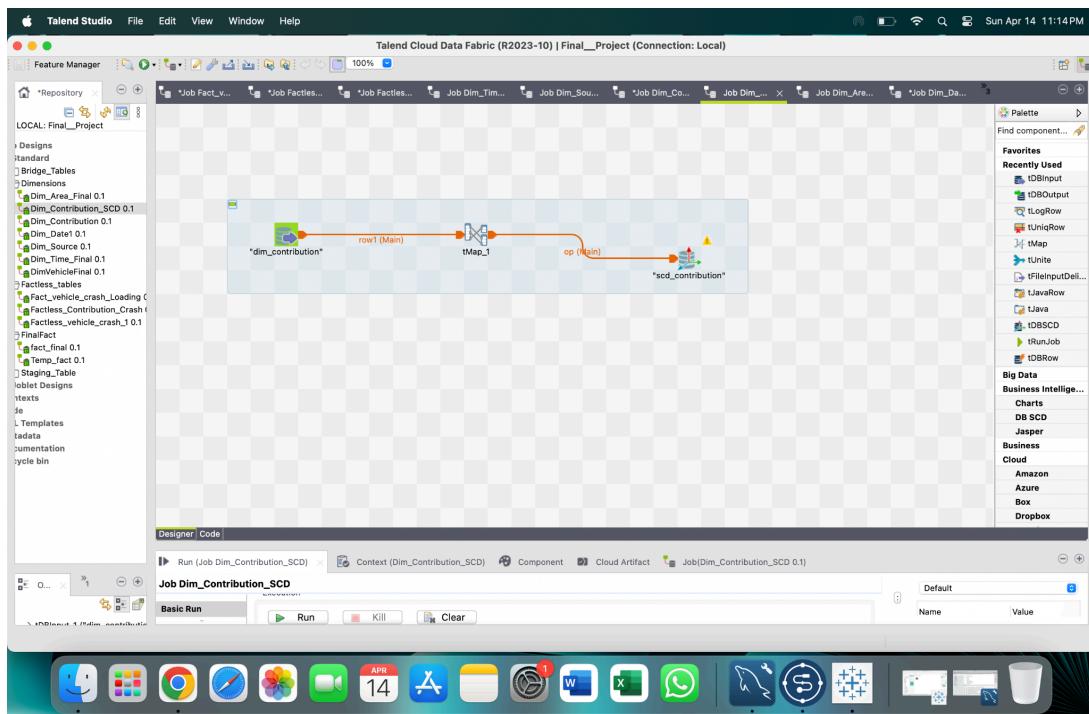
Factless Vehicle Loading-



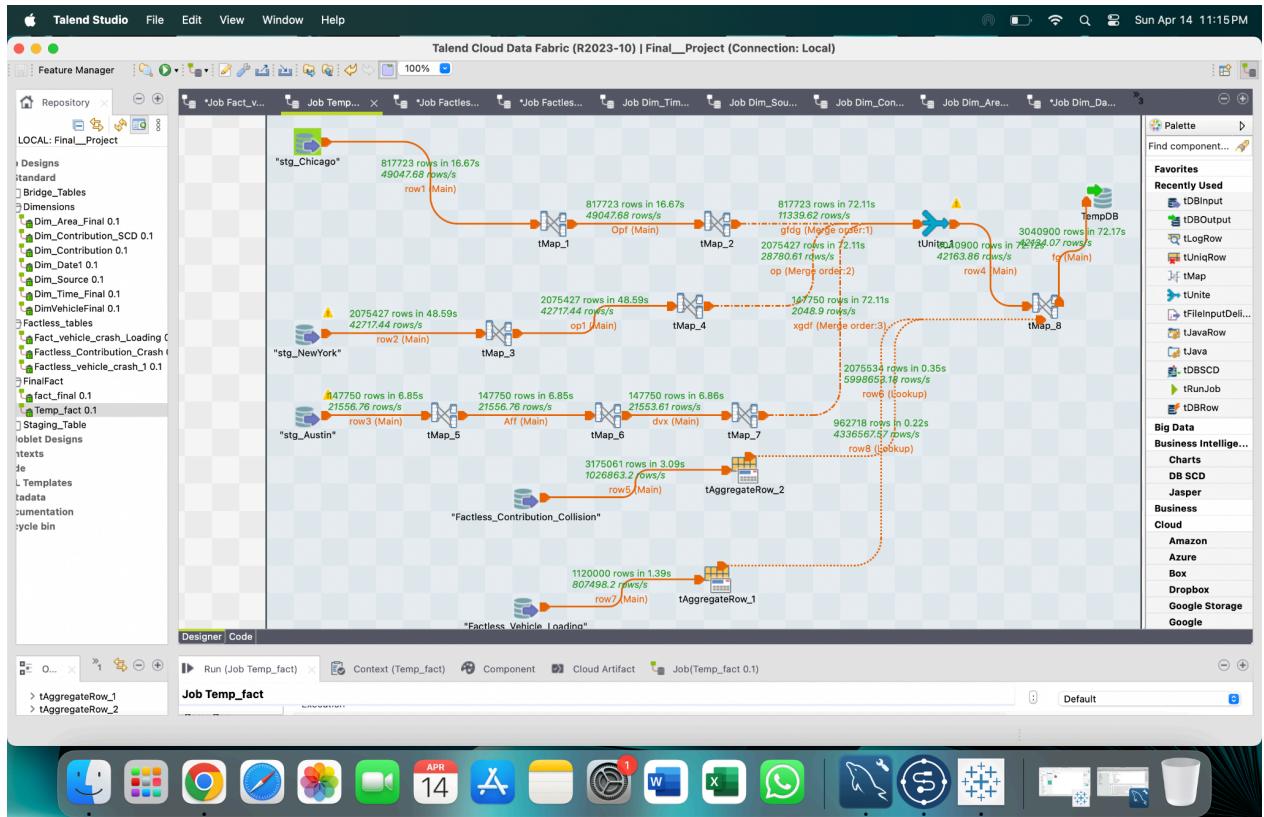
Factless Contribution Crash



SCD Contribution-



Temp Fact Accident -



FINAL Accident Fact:

