



# Northeastern University

## Assignment: NYPD Mini Project

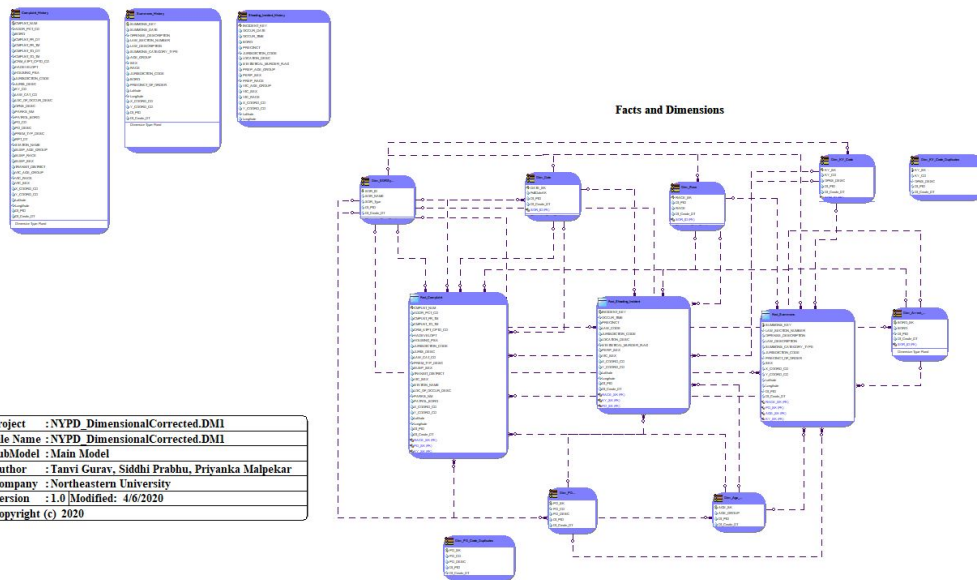
INFO7370 35649 Designing Data Arch Busn Intel SEC 01 Spring 2020 [BOS-2-TR]

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Date: 04/06/2020

### ER Diagram:

Staging Tables: Complaints\_History, Summons\_History, Shooting\_Incident\_History



## List of Tables and Row Counts

Sr. No.	Table Name	Table Type	Row Count
1	Complaint_History	Staging Table	6853557
2	Shooting_Incident_History	Staging Table	17030
3	Summons_History	Staging Table	5262296
4	Dim_Race	Dimension Table	8
5	Dim_Date	Dimension Table	45655
6	Dim_KY_Code	Dimension Table	77
7	Dim_KY_Code_Duplicates	Dimension Table	77
8	Dim_PD_Code	Dimension Table	432
9	Dim_PD_Code_Duplicates	Dimension Table	1
10	Dim_Arrest_Borough	Dimension Table	7
11	Dim_Age_Groups	Dimension Table	6
12	Dim_SORSystem	Dimension Table	13
13	Fact_Complaints	Fact Table	6853557
14	Fact_Shooting_Incident	Fact Table	17030
15	Fact_Summons	Fact Table	5262296

## Screenshots of the Jobs

### Table: Complaint\_History

Job Name: Table\_ComplaintHistory\_stage

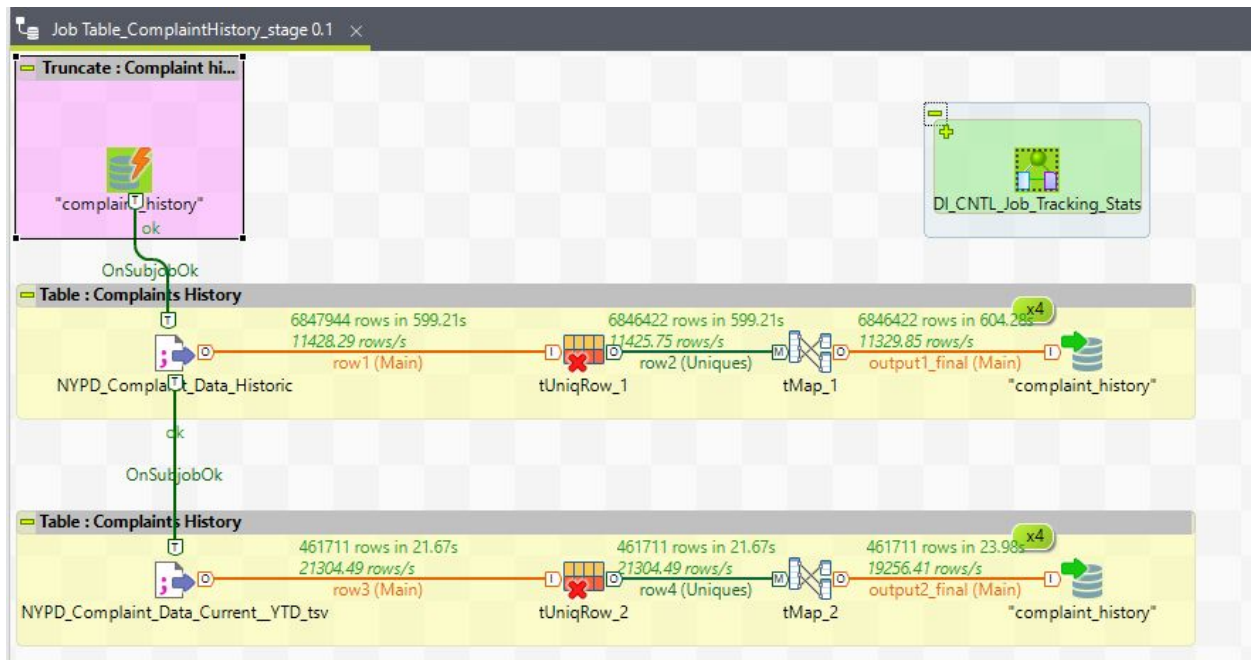
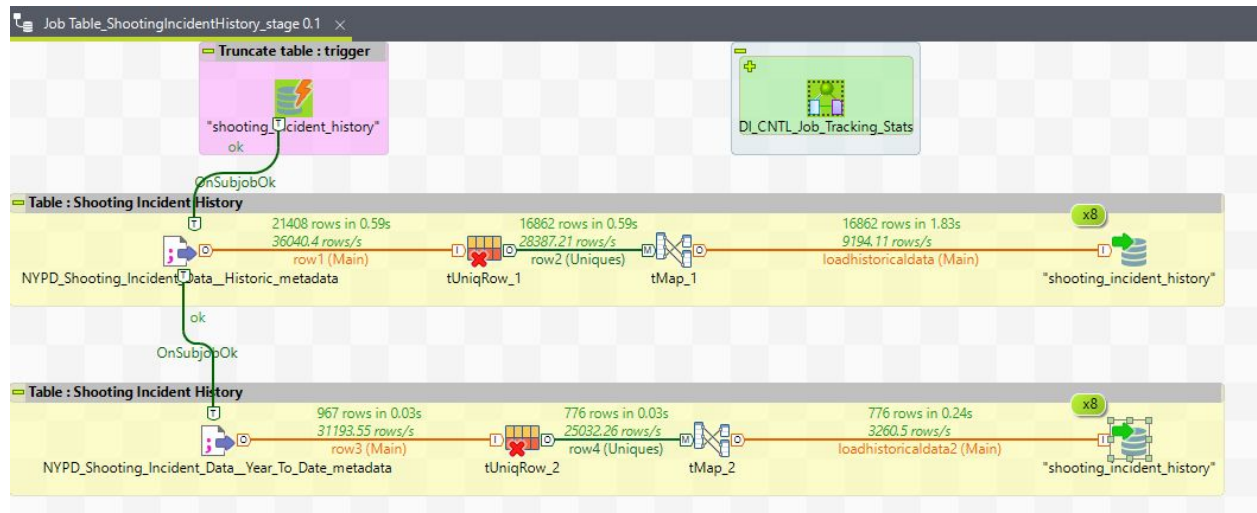
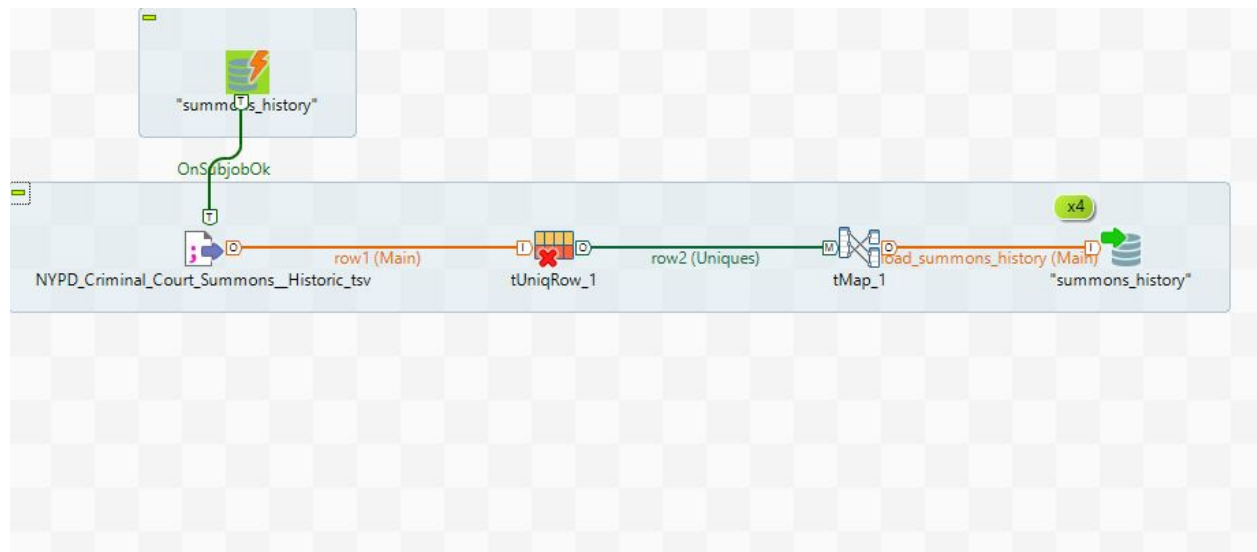


Table: Shooting\_Incident\_History  
Table\_ShootingIncidentHistory\_stage

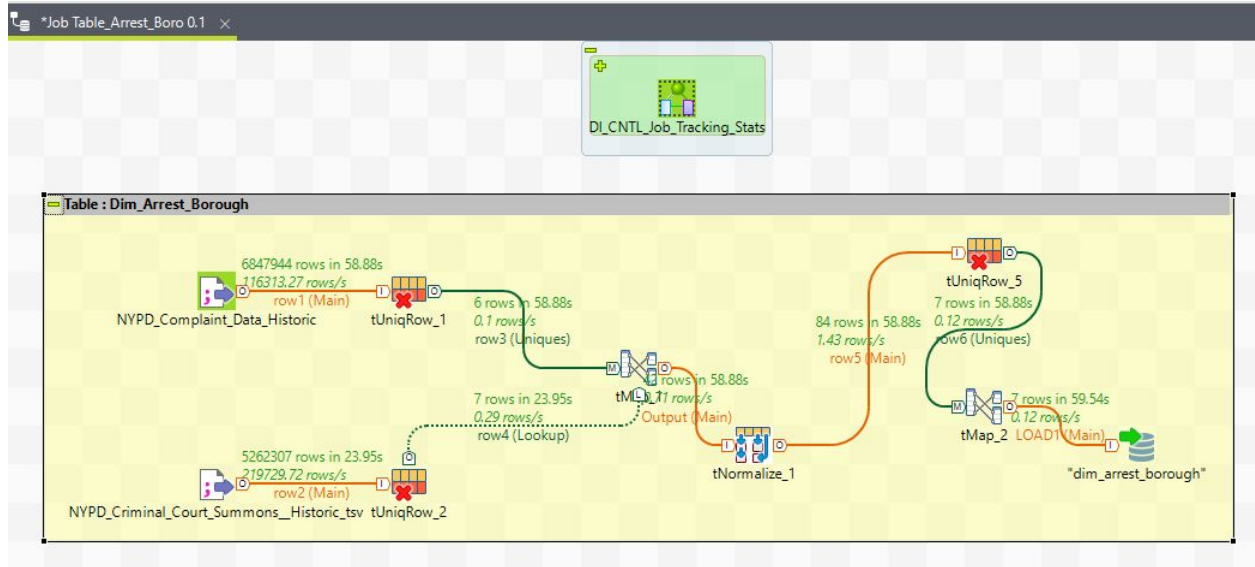
Job Name:



**Table: Summons\_History    Job\_Name: Table\_Summons\_History\_new**

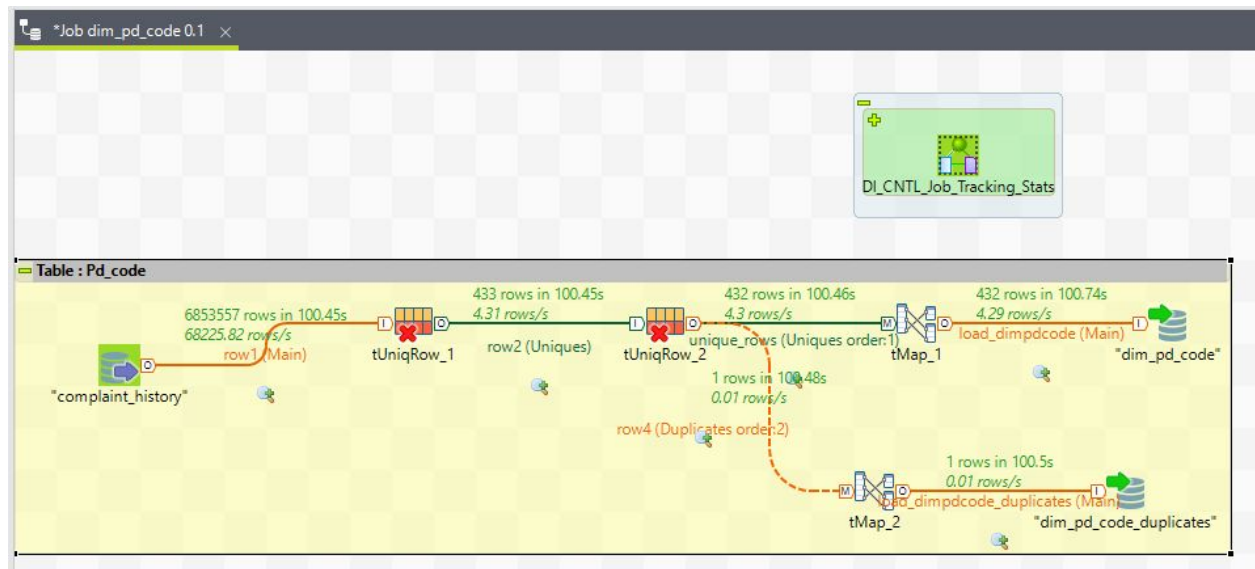


**Table: Dim\_Arrest\_Borough    Job Name: Table\_Arrest\_Boro**



**Table : Dim\_Pd\_Code & Dim\_Pd\_Code\_Duplicates**

**Job Name: Dim\_pd\_code**



**Job Name: Table\_fact\_complaint**



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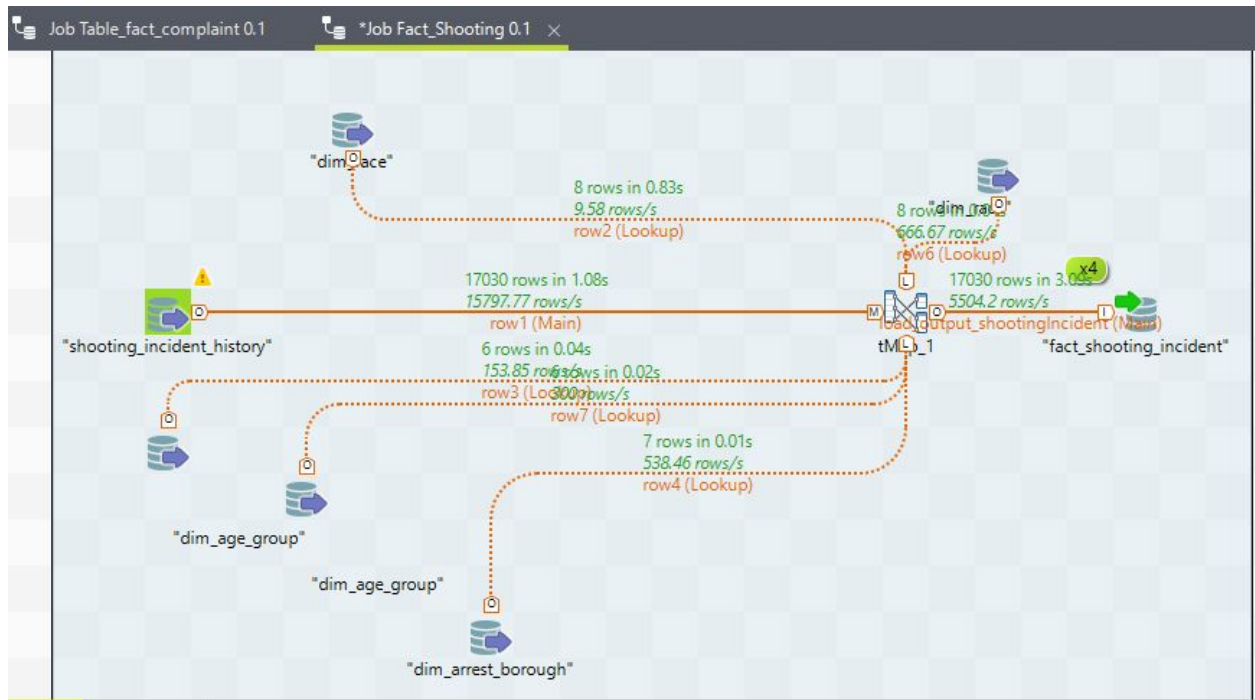


Table: Fact\_Summons    Job Name: Fact\_summons

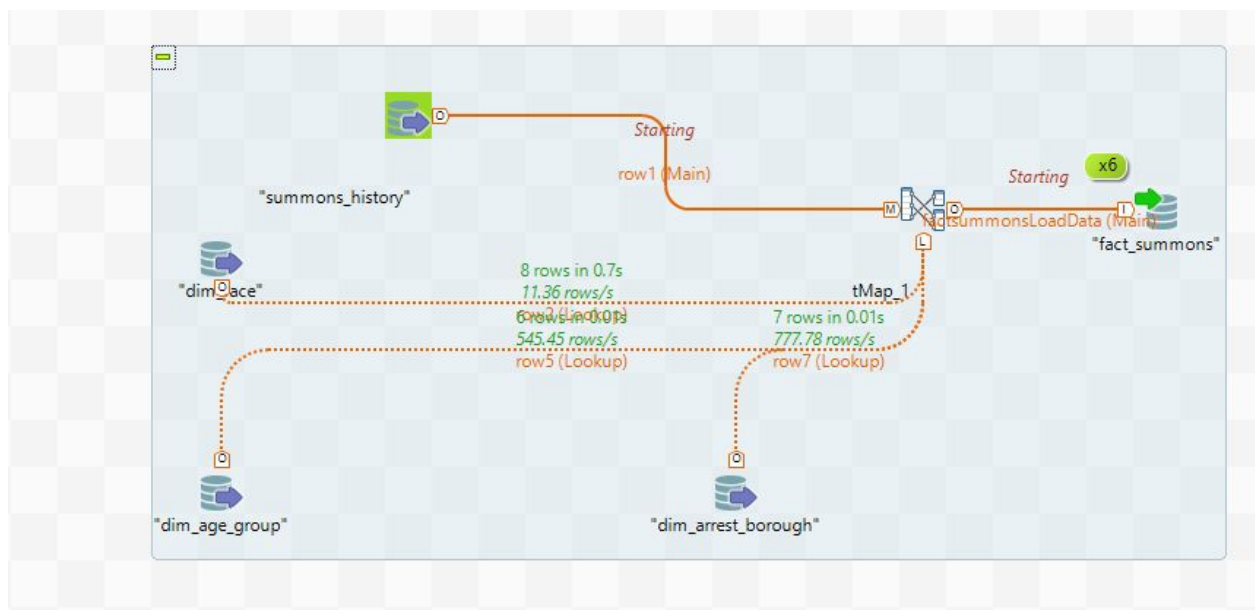
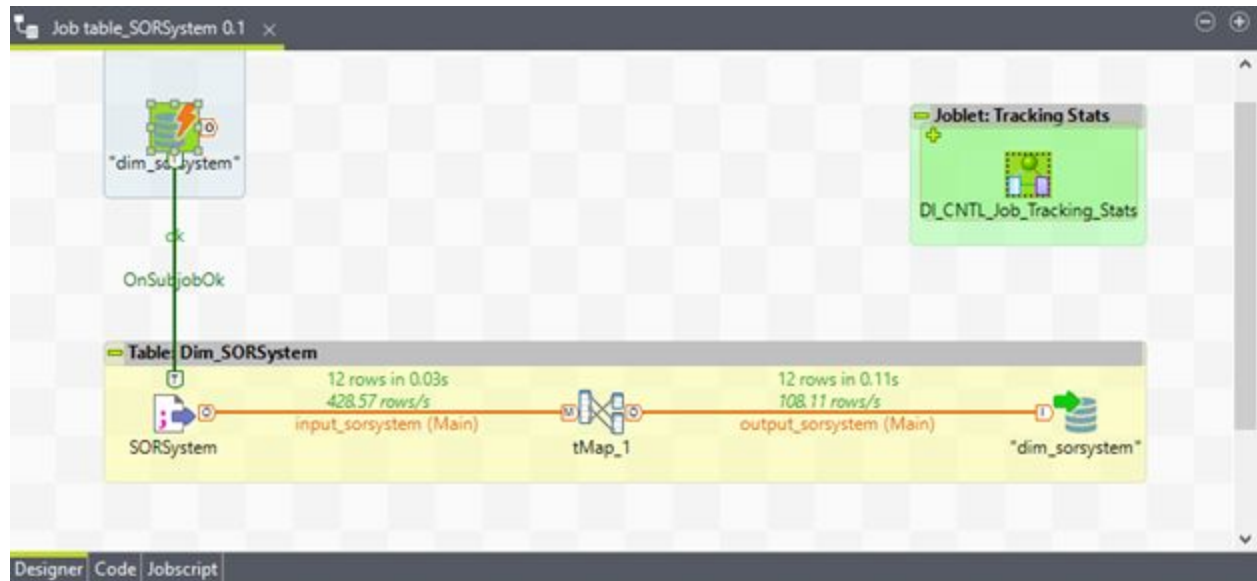
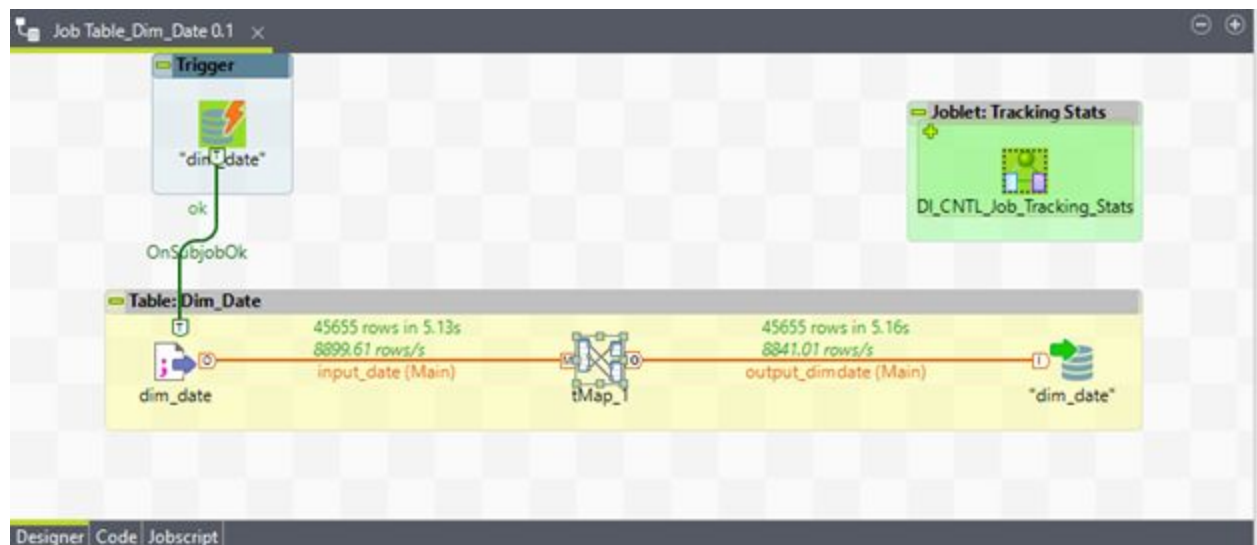


Table: Dim\_SORSystem    Job Name: Table\_SORSystem



**Table: Dim\_Date      Job Name: Table\_Dim\_Date**



**Table: Dim\_Age\_Groups      Job Name: Table\_Dim\_Age\_Group**



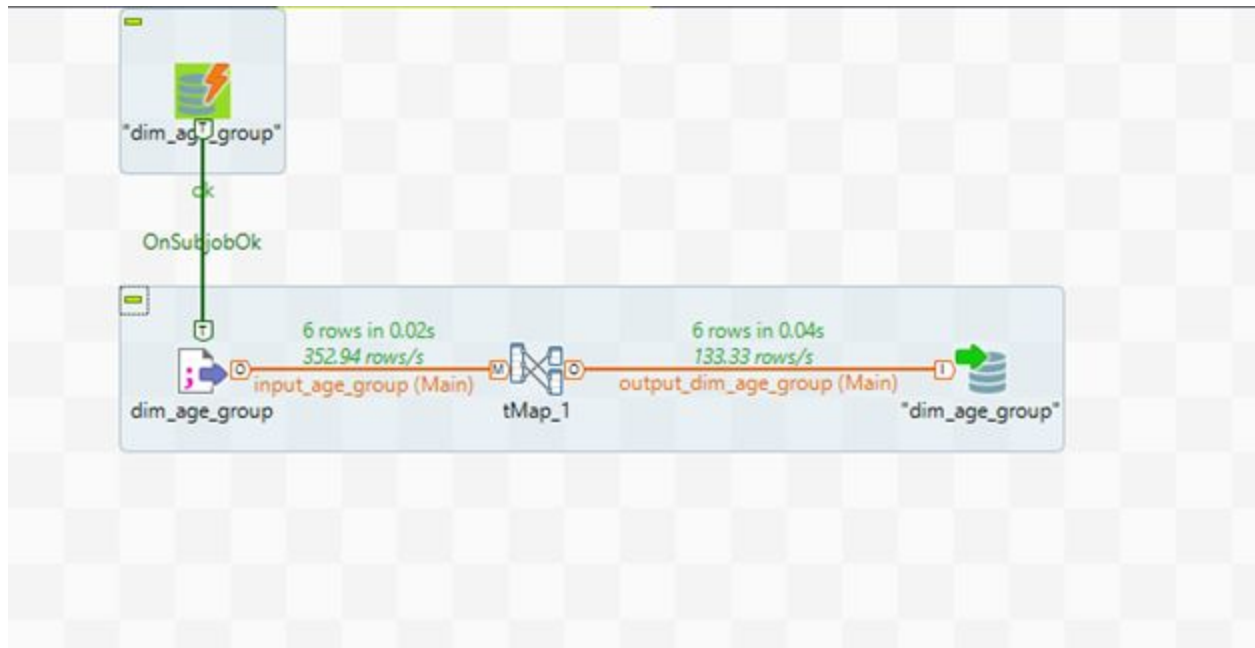
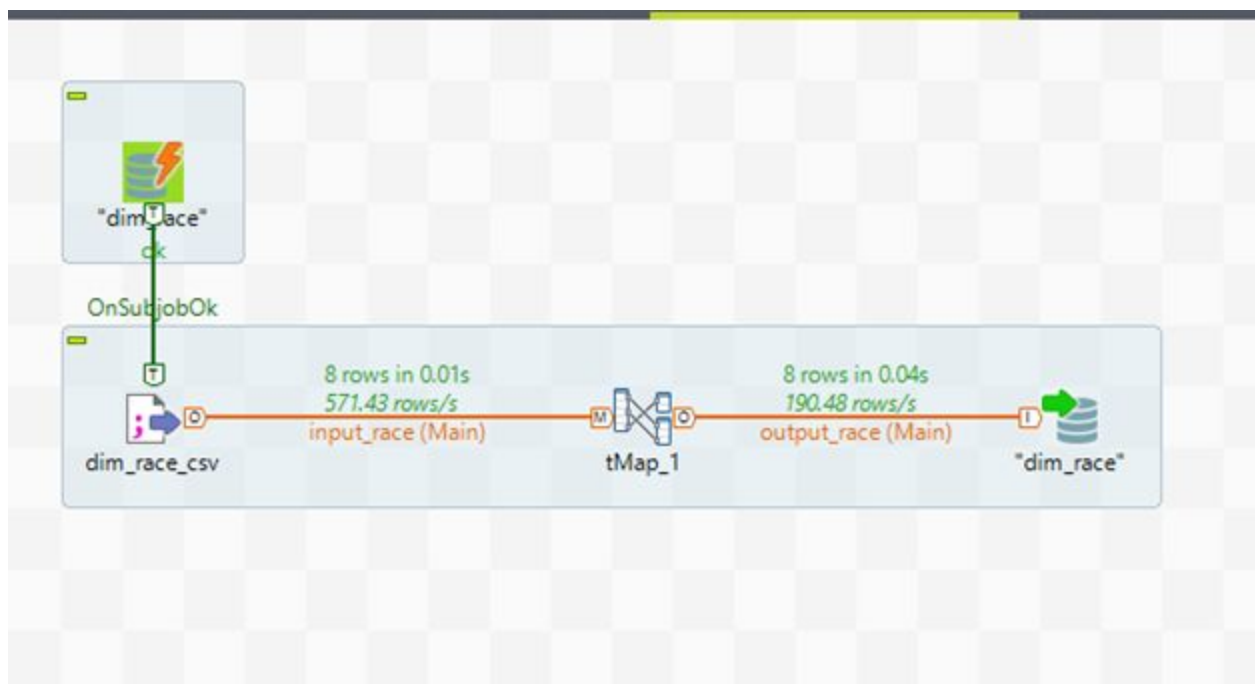


Table: Dim\_Race Job Name: dim\_race\_updated



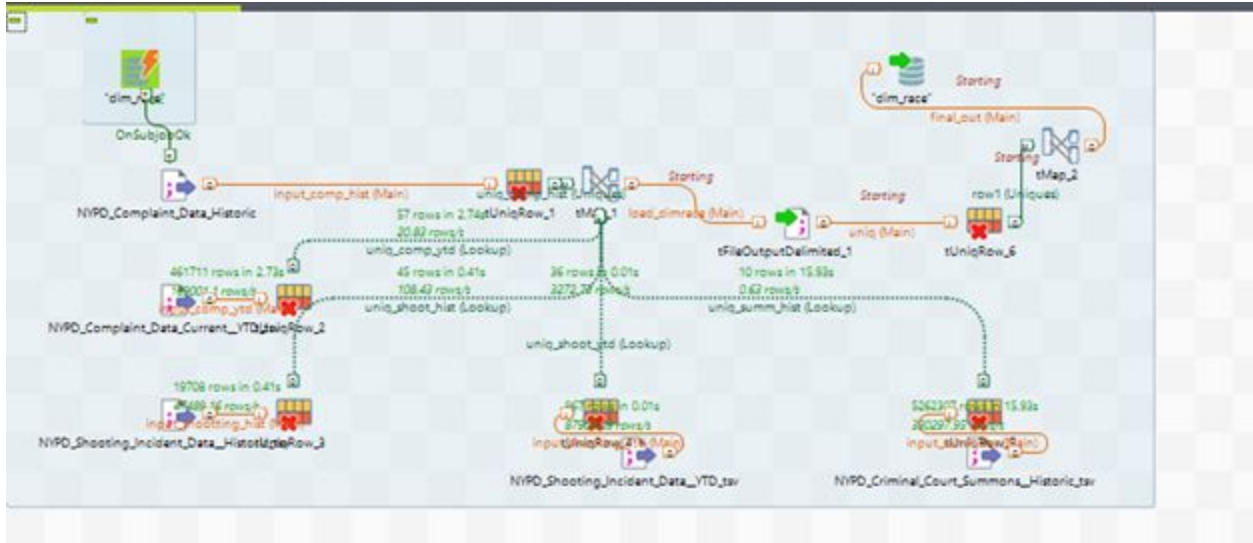


Table: Dim\_KY\_Code      Job Name: dim\_ky\_code\_unique

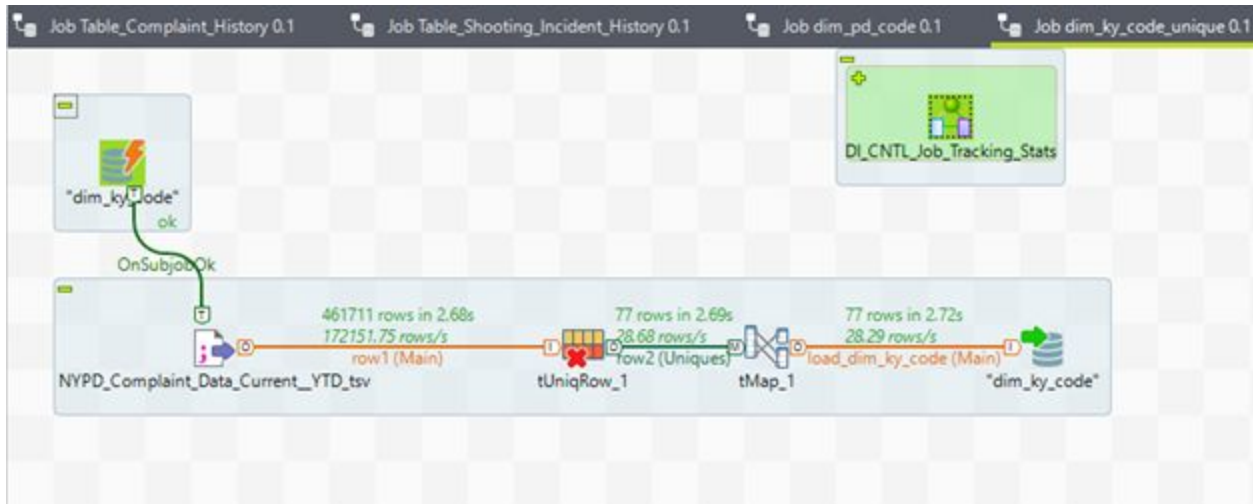


Table: Dim\_KY\_Code\_Duplicates      Job Name: Dim\_ky\_code\_duplicates

