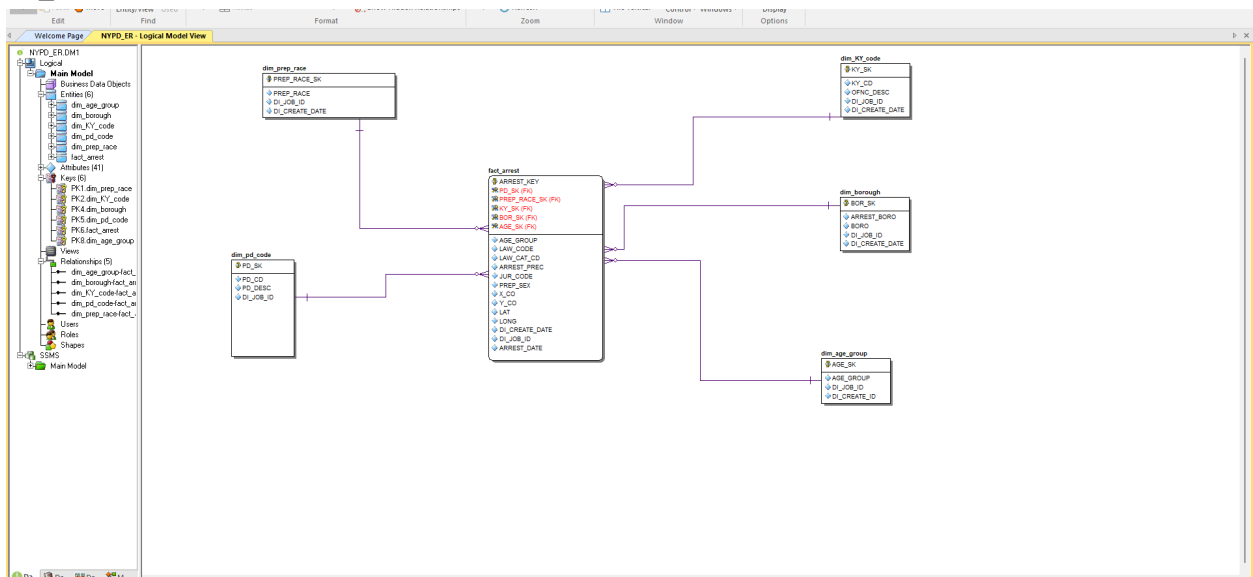


ASSIGNMENT: NYPD ARRESTS

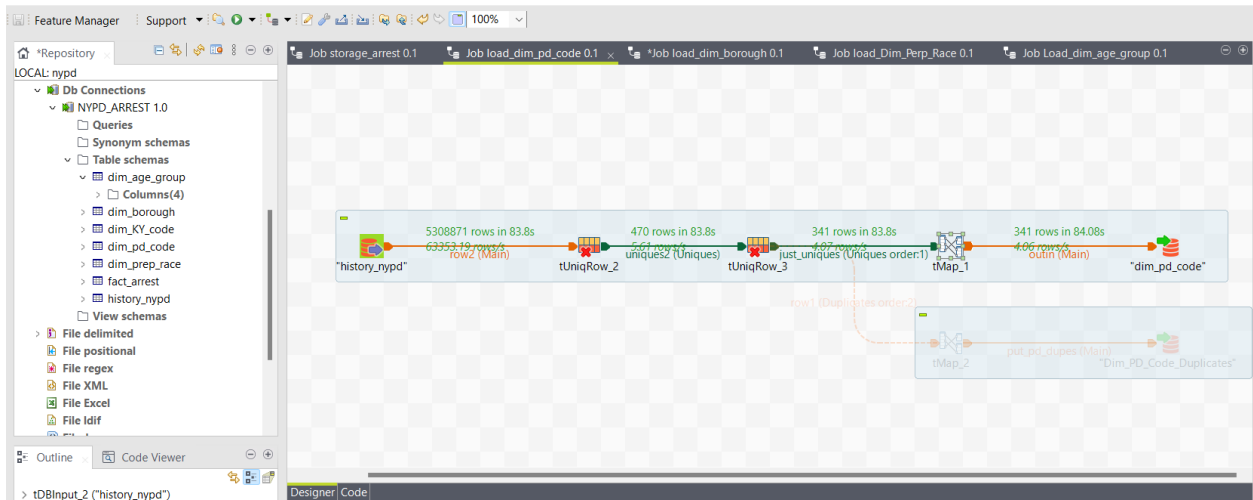
Anirudh V
Mahima Rao
Namratha G
Varun V

ER_model

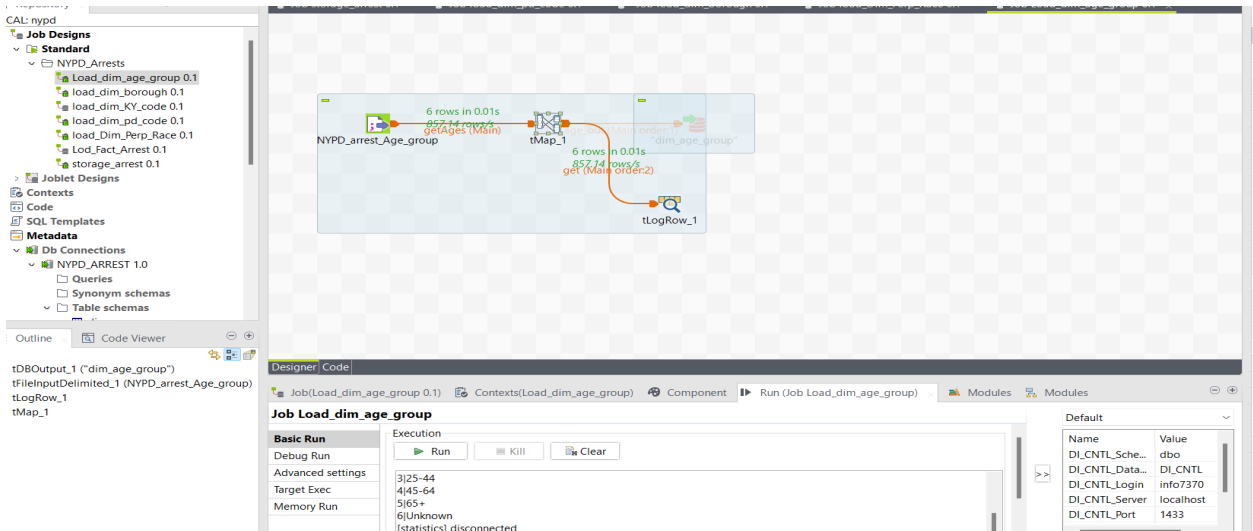


DATA INTEGRATION TALEND (JOBS)

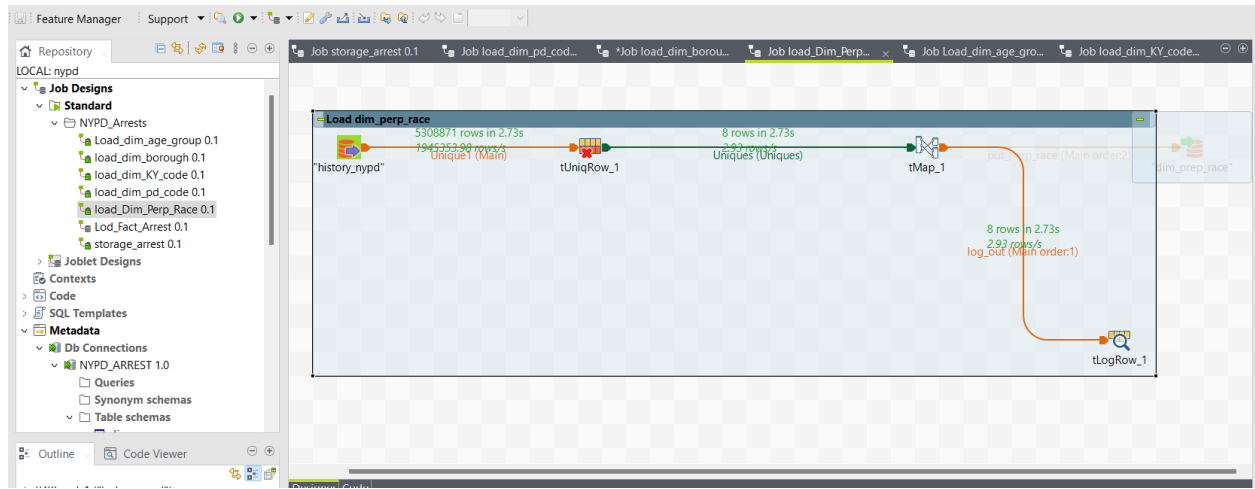
dim_pd_code



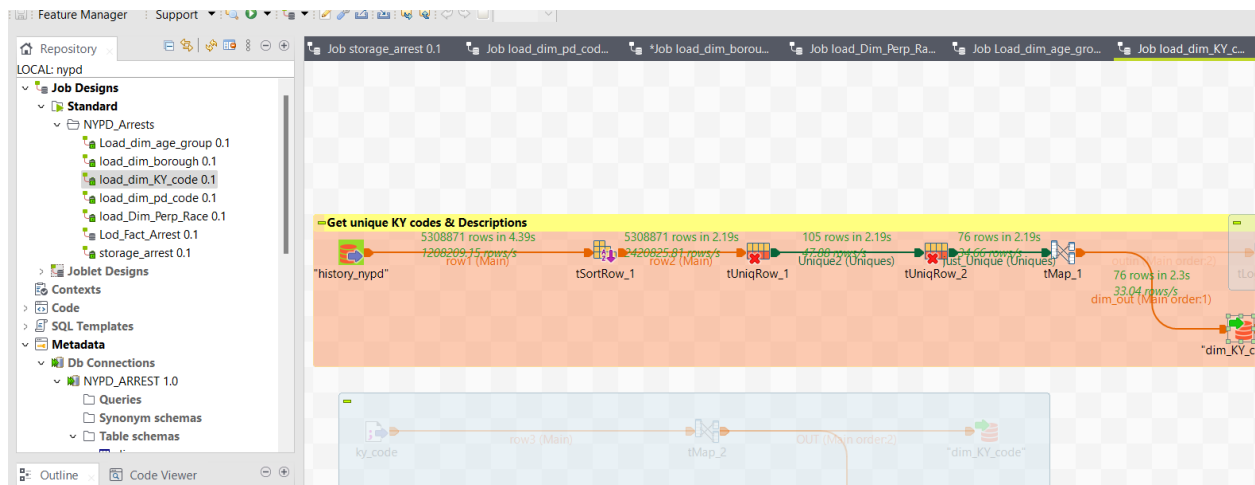
Dim_age



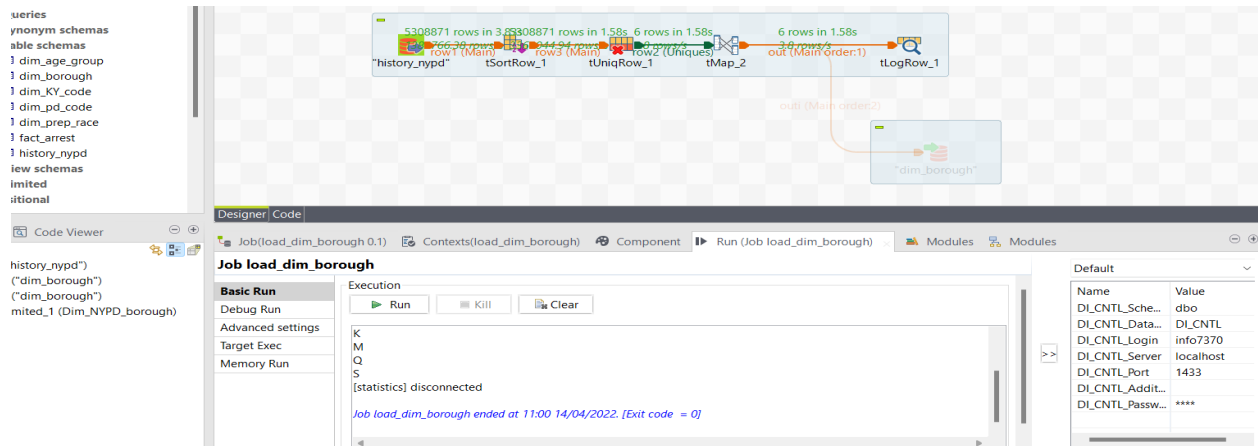
Dim_perp_race



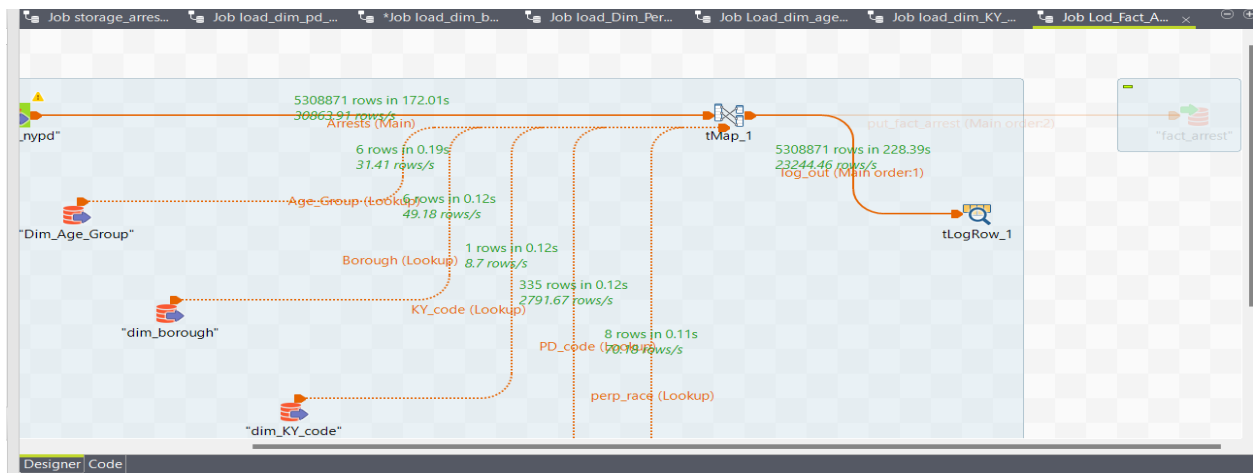
Dim_ky_code



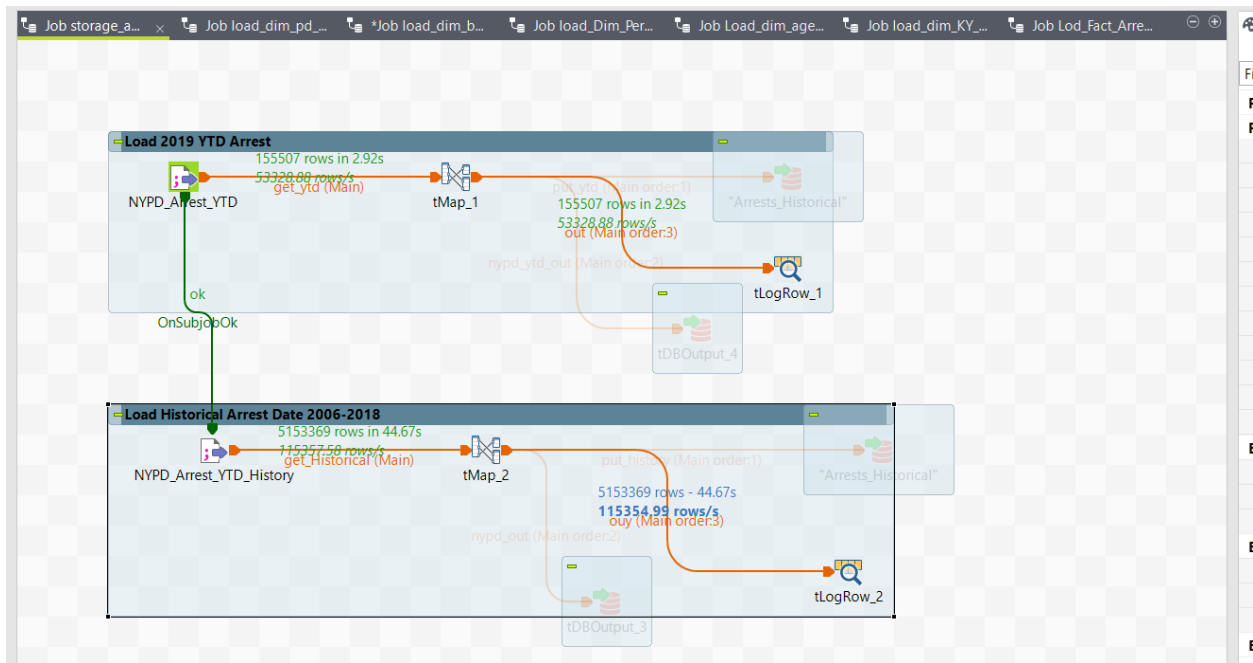
Dim_borough



Fact_arrest



Arrest_load



TABLE_ROW_COUNT

tbl_perp_race

The screenshot shows the SQL Server Enterprise Manager interface. The left pane displays the 'Object Explorer' with the following structure:

- Connect > SQL Server 15.0.2000.5 - damg7370
- Databases
 - System Databases
 - Database Snapshots
 - adventure_works_product_price
 - AdventureWorks2019
 - AdventureWorksDW2019
 - DLCNTL
 - DL_CNTL_PRD
 - EMP_SCD_out
 - nypd_DATA
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - damg7370.fact_arrest
 - damg7370.history_nypd
 - dbo.dim_age_group
 - dbo.dim_borough

The right pane shows the 'SQLQuery23.sql' script, which is a query to select the count of rows from the 'tbl_perp_race' table:

```
SELECT count(*)
FROM [nypd_DATA].[dbo].[dim_prep_race]
```

The bottom pane shows the 'Results' tab with the following output:

Results
(No column name)
1 8

fct_load

The screenshot shows the Microsoft SQL Server Management Studio interface. The title bar indicates the connection is 'SQLQuery24.sql - EARLYBIRD.nypd_DATA (damg7370 (56))*'. The Object Explorer on the left shows the database structure for 'EARLYBIRD (SQL Server 15.0.2000.5 - damg7370)', including 'Databases', 'System Databases', 'Database Snapshots', 'AdventureWorks2019', 'AdventureWorksDW2019', 'DL_CNTL', 'DL_CNTL_PRD', 'EMP_SCD_out', 'nypd_DATA', 'Database Diagrams', 'Tables', 'System Tables', 'FileTables', 'External Tables', 'Graph Tables', 'damg7370.fact_arrest', 'damg7370.history_nypd', 'dbo.dim_age_group', 'dbo.dim_borough', 'dbo.dim_KY_code', 'dbo.dim_pd_code', 'dbo.dim_prep_race', 'Views', 'External Resources', 'Synonyms', 'Programmability', 'Service Broker', 'Storage', and 'Security'. The query editor shows the following SQL script:

```
/****** Script for SelectTopNRows command from SSMS *****/
SELECT count(*)
FROM [nypd_DATA].[damg7370].[history_nypd]
```

The Results pane shows a single row with the value 5308871. The Messages pane is empty. The status bar at the bottom indicates 'Query executed successfully.' and 'EARLYBIRD (15.0 RTM) damg7370 (56) nypd_DATA 00:00:00 1 rows'.

tbl_age

The screenshot shows the Microsoft SQL Server Management Studio interface. The title bar indicates the connection is 'SQLQuery25.sql - E...TA (damg7370 (57))*'. The Object Explorer on the left shows the database structure for 'EARLYBIRD (SQL Server 15.0.2000.5 - damg7370)', including 'Databases', 'System Databases', 'Database Snapshots', 'AdventureWorks2019', 'AdventureWorksDW2019', 'DL_CNTL', 'DL_CNTL_PRD', 'EMP_SCD_out', 'nypd_DATA', 'Database Diagrams', 'Tables', 'System Tables', 'FileTables', 'External Tables', 'Graph Tables', 'damg7370.fact_arrest', 'damg7370.history_nypd', 'dbo.dim_age_group', 'dbo.dim_borough', 'dbo.dim_KY_code', 'dbo.dim_pd_code', 'dbo.dim_prep_race', 'Views', 'External Resources', 'Synonyms', 'Programmability', 'Service Broker', 'Storage', and 'Security'. The query editor shows the following SQL script:

```
/****** Script for SelectTopNRows command from SSMS *****/
SELECT count(*)
FROM [nypd_DATA].[dbo].[dim_age_group]
```

The Results pane shows a single row with the value 6. The Messages pane is empty. The status bar at the bottom indicates 'Query executed successfully.' and 'EARLYBIRD (15.0 RTM) damg7370 (57) nypd_DATA 00:00:00 1 rows'.

dim_borough

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure for 'EARLYBIRD (SQL Server 15.0.2000.5 - damg7370)'. The 'Tables' folder is expanded, showing various tables including 'dbo.dim_borough'. The 'Query26.sql' window on the right contains the following SQL query:

```
SELECT count(*)
FROM [nypd_DATA].[dbo].[dim_borough]
```

The 'Results' pane at the bottom shows a single row with the value 6. The status bar at the bottom indicates 'Query executed successfully. EARLYBIRD (15.0 RTM) damg7370 (58) nypd_DATA 00:00:00 1 rows'.

Tbl_pd_code

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure for 'EARLYBIRD (SQL Server 15.0.2000.5 - damg7370)'. The 'Tables' folder is expanded, showing various tables including 'dbo.tbl_pd_code'. The 'Query27.sql' window on the right contains the following SQL query:

```
SELECT count(*)
FROM [nypd_DATA].[dbo].[tbl_pd_code]
```

The 'Results' pane at the bottom shows a single row with the value 335. The status bar at the bottom indicates 'Query executed successfully. EARLYBIRD (15.0 RTM) damg7370 (59) nypd_DATA 00:00:00 1 rows'.

Alteryx Data Prep :

