



IMDb Data & Analysis Project

Staging:

Schema	Table	Row Count
dbo	stg_box_office_worldwide	1000
dbo	stg_box_office_worldwide_reject	0
dbo	stg_imdb_brands_gross	45
dbo	stg_imdb_brands_list	637
dbo	stg_imdb_franchises_gross	292
dbo	stg_imdb_franchises_list	276
dbo	stg_imdb_name_basics	2117967
dbo	stg_imdb_title_akas	26703795
dbo	stg_imdb_title_basics	8854184
dbo	stg_imdb_title_crew	8854165
dbo	stg_imdb_title_episode	6641848
dbo	stg_imdb_title_principals	49905595
dbo	stg_imdb_title_ratings	1234873
dbo	stg_numbers_daily_box_office	1458
dbo	stg_numbers_franchise_all_box_office	200
dbo	stg_numbers_franchise_movies_box_office	27

Integration:

dbo	dim_imdb_brand	45
dbo	dim_imdb_Franchise	292
dbo	dim_imdb_genres	2309
dbo	dim_imdb_job_category	12
dbo	dim_imdb_name_basics	11555784
dbo	dimimdb_name_basics_kno_wnForTitles	18159083
dbo	dim_imdb_name_basics_kn_ownForTitles_re ...	2044465
dbo	dim_imdb_name_basics_primaryProfession	12029000
dbo	dim_imdb_primaryProfession	20765
dbo	dim_imdb_title_akas	31733165
dbo	dim_imdb_title_akas_rejects	5223
dbo	dim_imdb_title_basics	8854184
dbo	dim_imdb_title_basics_genres	1393
dbo	dim_imdb_title_basics_ml_rejects	86
dbo	dim_imdb_title_crew_directors	6152493
dbo	dim_imdb_title_crew_directors_rejects	45
dbo	dim_imdb_title_crew_writers	9365460
dbo	dim_imdb_title_crew_writers_rejects	54
dbo	dim_imdb_title_episode	6641716
dbo	dim_imdb_title_episode_rejects	132
dbo	dim_imdb_title_principals	45945096
dbo	dim_imdb_title_principals_rejects	0

dbo	dim_imdb_title Type	12
dbo	fct_imdb_brands_gross	45
dbo	fct_imdb_brands_list	637
dbo	fct_imdb_franchises_gross	292
dbo	fct_imdb_franchises_list	2508
dbo	fct_imdb_title_ratings	1234873
dbo	fct_movies_box_office_worldwide	991
dbo	fct_movies_box_office_worldwide_Rejects	9
dbo	fct_numbers_daily_box_office	254
dbo	fct_numbers_franchise_all_box_office	292
dbo	fct_numbers_franchise_movies_box_office	27

Alteryx- POSTGRESQL- STAGING SS

Schema	Table	Count
IMDB	stg_imdb_name_basics_primaryprofession	12547310
IMDB	stg_imdb_name_basics_knownfortitles	18166809
IMDB	stg_imdb_title_crew_directors	6614738
IMDB	stg_imdb_title_crew_writers	10346509
IMDB	stg_imdb_title_genres	13671953

The screenshot shows the pgAdmin 4 interface. The left sidebar displays a tree view of database objects under the 'Tables' category. The 'stg_imdb_name_genres' table is selected. The main pane contains a 'Query Editor' tab with the following SQL query:

```
1 SELECT COUNT(*) FROM public.stg_imdb_name_genres
```

The results are displayed in a 'Data Output' table:

count	bigint
1	11555784

A green success message at the bottom right of the results pane states: "Successfully run. Total query runtime: 2 secs 699 msec. 1 rows affected."

The screenshot shows the pgAdmin 4 interface. The left sidebar is titled 'Browser' and lists various database objects under 'Tables (13)'. One table, 'stg_imdb_title_akas', is selected and highlighted with a blue border. The main area is the 'Query Editor' tab, which contains the SQL query:

```
1 SELECT COUNT(*) FROM public.stg_imdb_title_akas
```

The results pane shows the output of the query:

	count	bigint
1	3175838	

The status bar at the bottom right indicates the time is 9:24 AM on 4/28/2022.

This screenshot is nearly identical to the one above, showing the pgAdmin 4 interface. The 'Browser' sidebar shows the same list of tables. The 'Query Editor' tab now contains a different SQL query:

```
1 SELECT COUNT(*) FROM public.stg_imdb_title_basics
```

The results pane shows the output of this query:

	count	bigint
1	8854184	

A green message box at the bottom right of the results pane states: 'Successfully run. Total query runtime: 6 secs 701 msec. 1 rows affected.'

The status bar at the bottom right indicates the time is 9:25 AM on 4/28/2022.

pgAdmin 4

File Object Tools Help

Browser

- FTS Dictionaries
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (13)
 - stg_imdb_name_basics
 - stg_imdb_name_basics_knownfortitles
 - stg_imdb_name_basics_primaryprofession
 - stg_imdb_titleType
 - stg_imdb_title_akas
 - stg_imdb_title_basics
 - stg_imdb_title_basics_genres
 - stg_imdb_title_crew
 - stg_imdb_title_crew_directors
 - stg_imdb_title_crew_writers
 - stg_imdb_title_episode
 - stg_imdb_title_principals
 - stg_imdb_title_ratings
- Trigger Functions
- Types
- Views

Dashboard Properties SQL Statistics Dependencies Dependents public.imdb_na... dump_imdb_sr... dur

Query Editor Query History

```
1 SELECT COUNT(*) FROM public.stg_imdb_title_crew
```

Data Output Explain Messages Notifications

count	bigint
1	8854184

Scratch Pad

9:26 AM 4/28/2022

pgAdmin 4

File Object Tools Help

Browser

- FTS Dictionaries
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- Sequences
- Tables (13)
 - stg_imdb_name_basics
 - stg_imdb_name_basics_knownfortitles
 - stg_imdb_name_basics_primaryprofession
 - stg_imdb_titleType
 - stg_imdb_title_akas
 - stg_imdb_title_basics
 - stg_imdb_title_basics_genres
 - stg_imdb_title_crew
 - stg_imdb_title_crew_directors
 - stg_imdb_title_crew_writers
 - stg_imdb_title_episode
 - stg_imdb_title_principals
 - stg_imdb_title_ratings
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Dashboard Properties SQL Statistics Dependencies Dependents public.imdb_na... dump_imdb_sr... dur

Query Editor Query History

```
1 SELECT COUNT(*) FROM public.stg_imdb_title_episode
```

Data Output Explain Messages Notifications

count	bigint
1	6641848

Scratch Pad

✓ Successfully run. Total query runtime: 1 secs 625 msec. 1 rows affected.

9:26 AM 4/28/2022

The screenshot shows the pgAdmin 4 interface. The left sidebar is titled 'Browser' and lists various database objects under 'Tables (13)'. The 'stg_imdb_title_principals' table is selected. The main area is the 'Query Editor' with the following SQL query:

```
1 SELECT COUNT(*) FROM public.stg_imdb_title_principals
```

The results pane shows the output of the query:

	count
1	4990559

A green status bar at the bottom right indicates: 'Successfully run. Total query runtime: 6 secs 382 msec. 1 rows affected.'

The screenshot shows the pgAdmin 4 interface. The left sidebar is titled 'Browser' and lists various database objects under 'Tables (13)'. The 'stg_imdb_title_ratings' table is selected. The main area is the 'Query Editor' with the following SQL query:

```
1 SELECT COUNT(*) FROM public.stg_imdb_title_ratings
```

The results pane shows the output of the query:

	count
1	1234873

A green status bar at the bottom right indicates: 'Successfully run. Total query runtime: 539 msec. 1 rows affected.'

pgAdmin 4

File Object Tools Help

Browser

- FTS Dictionaries
- FTS Parsers
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- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (13)
 - stg_imdb_name_basics
 - stg_imdb_name_basics_knownfortitles
 - stg_imdb_name_basics_primaryprofession
 - stg_imdb_titleType
 - stg_imdb_title_aka
 - stg_imdb_title_basics
 - stg_imdb_title_basics_genres
 - stg_imdb_title_crew
 - stg_imdb_title_crew_directors
 - stg_imdb_title_crew_writers
 - stg_imdb_title_episode
 - stg_imdb_title_principals
 - stg_imdb_title_ratings
- Trigger Functions
- Types
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Query Editor Query History

```
1 SELECT COUNT(*) FROM public."stg_imdb_titleType"
```

Data Output Explain Messages Notifications

count	bigint
1	13

Successfully run. Total query runtime: 51 msec. 1 rows affected.

9:28 AM 4/28/2022

pgAdmin 4

File Object Tools Help

Browser

- FTS Dictionaries
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (13)
 - stg_imdb_name_basics
 - stg_imdb_name_basics_knownfortitles
 - stg_imdb_name_basics_primaryprofession
 - stg_imdb_titleType
 - stg_imdb_title_aka
 - stg_imdb_title_basics
 - stg_imdb_title_basics_genres
 - stg_imdb_title_crew
 - stg_imdb_title_crew_directors
 - stg_imdb_title_crew_writers
 - stg_imdb_title_episode
 - stg_imdb_title_principals
 - stg_imdb_title_ratings
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Query Editor Query History

```
1 SELECT COUNT(*) FROM public.stg_imdb_title_genres
```

Data Output Explain Messages Notifications

count	bigint
1	13671953

Successfully run. Total query runtime: 1 secs 955 msec. 1 rows affected.

9:29 AM 4/28/2022

pgAdmin 4

File Object Tools Help

Browser

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- Tables (13)
 - stg_imdb_name_basics
 - stg_imdb_name_basics_knownfortitles
 - stg_imdb_name_basics_primaryprofession
 - stg_imdb_titleType
 - stg_imdb_title_akas
 - stg_imdb_title_basics
 - stg_imdb_title_basics_genres
 - stg_imdb_title_crew
 - stg_imdb_title_crew_directors
 - stg_imdb_title_crew_writers
 - stg_imdb_title_episode
 - stg_imdb_title_principals
 - stg_imdb_title_ratings
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- Views

Query Editor Query History

```
1 SELECT COUNT(*) FROM public.stg_imdb_title_crew_directors
```

Data Output Explain Messages Notifications

count	bigint
1	6614738

Successfully run. Total query runtime: 1 secs 459 msec. 1 rows affected.

9:29 AM 4/28/2022

pgAdmin 4

File Object Tools Help

Browser

- FTS Dictionaries
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- Tables (13)
 - stg_imdb_name_basics
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 - stg_imdb_name_basics_primaryprofession
 - stg_imdb_titleType
 - stg_imdb_title_akas
 - stg_imdb_title_basics
 - stg_imdb_title_basics_genres
 - stg_imdb_title_crew
 - stg_imdb_title_crew_directors
 - stg_imdb_title_crew_writers
 - stg_imdb_title_episode
 - stg_imdb_title_principals
 - stg_imdb_title_ratings
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Query Editor Query History

```
1 SELECT COUNT(*) FROM public.stg_imdb_title_crew_writers
```

Data Output Explain Messages Notifications

count	bigint
1	10346509

Successfully run. Total query runtime: 1 secs 788 msec. 1 rows affected.

9:30 AM 4/28/2022

pgAdmin 4

File Object Tools Help

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- Tables (13)
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 - stg_imdb_name_basics_primaryprofession
 - stg_imdb_titleType
 - stg_imdb_title_akas
 - stg_imdb_title_basics
 - stg_imdb_title_basics_genres
 - stg_imdb_title_crew
 - stg_imdb_title_crew_directors
 - stg_imdb_title_crew_writers
 - stg_imdb_title_episode
 - stg_imdb_title_principals
 - stg_imdb_title_ratings
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Query Editor Query History

```
1 SELECT COUNT(*) FROM public.stg_imdb_name_basics_knownfortitles
```

Data Output Explain Messages Notifications

count	bigint
1	18166809

Successfully run. Total query runtime: 2 secs 400 msec. 1 rows affected.

9:30 AM 4/28/2022

pgAdmin 4

File Object Tools Help

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 - stg_imdb_name_basics_primaryprofession
 - stg_imdb_titleType
 - stg_imdb_title_akas
 - stg_imdb_title_basics
 - stg_imdb_title_basics_genres
 - stg_imdb_title_crew
 - stg_imdb_title_crew_directors
 - stg_imdb_title_crew_writers
 - stg_imdb_title_episode
 - stg_imdb_title_principals
 - stg_imdb_title_ratings
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- Views

Query Editor Query History

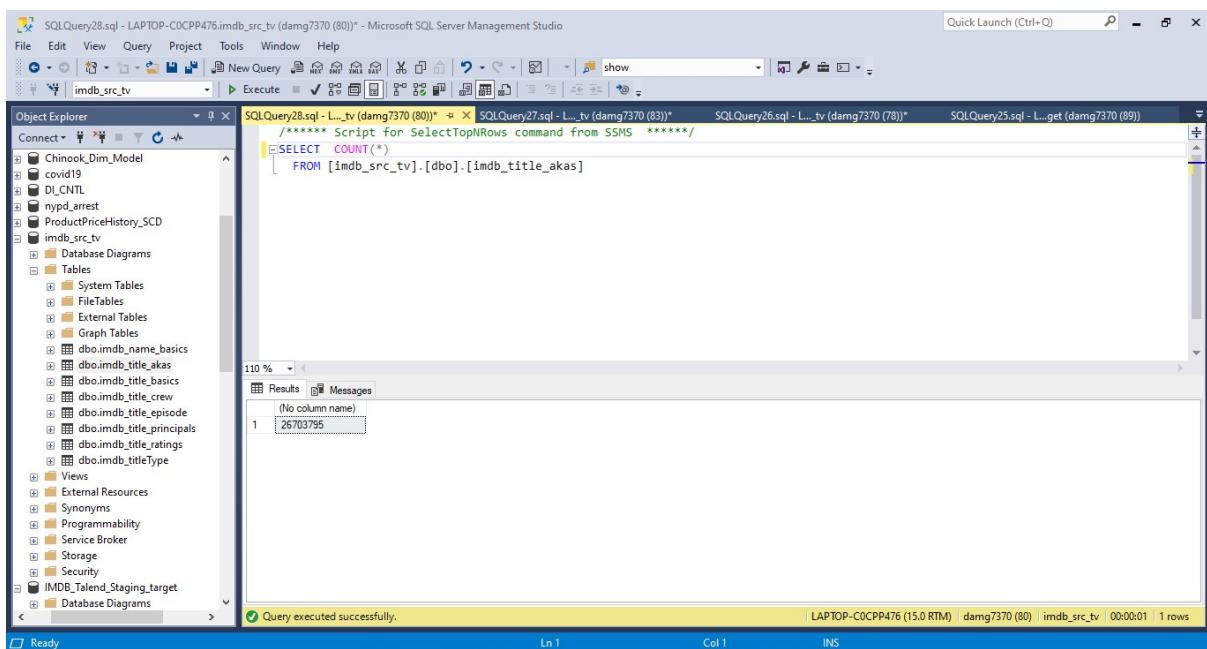
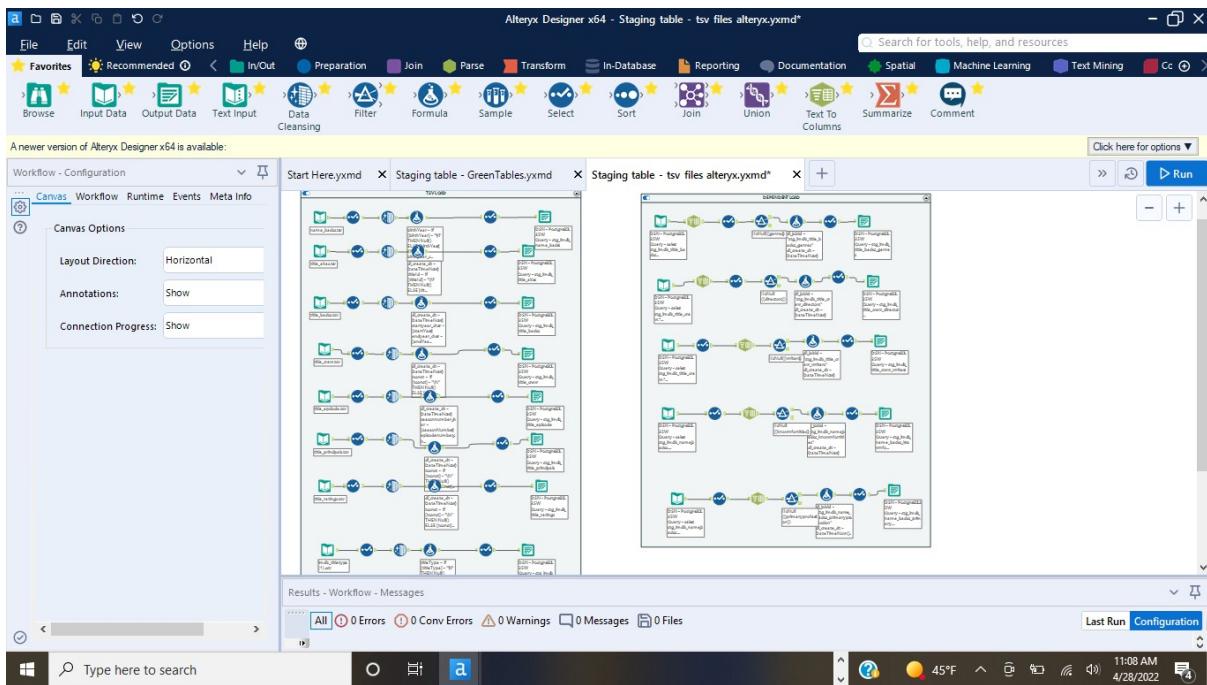
```
1 SELECT COUNT(*) FROM public.stg_imdb_name_basics_primaryprofession
```

Data Output Explain Messages Notifications

count	bigint
1	12547310

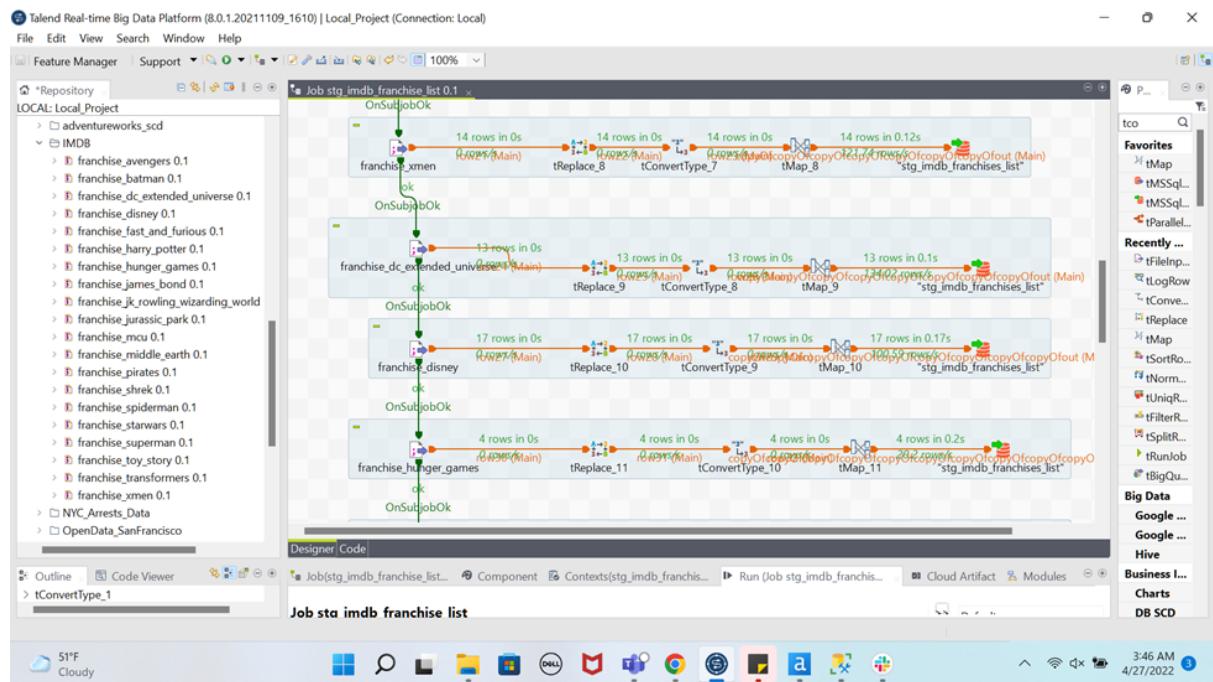
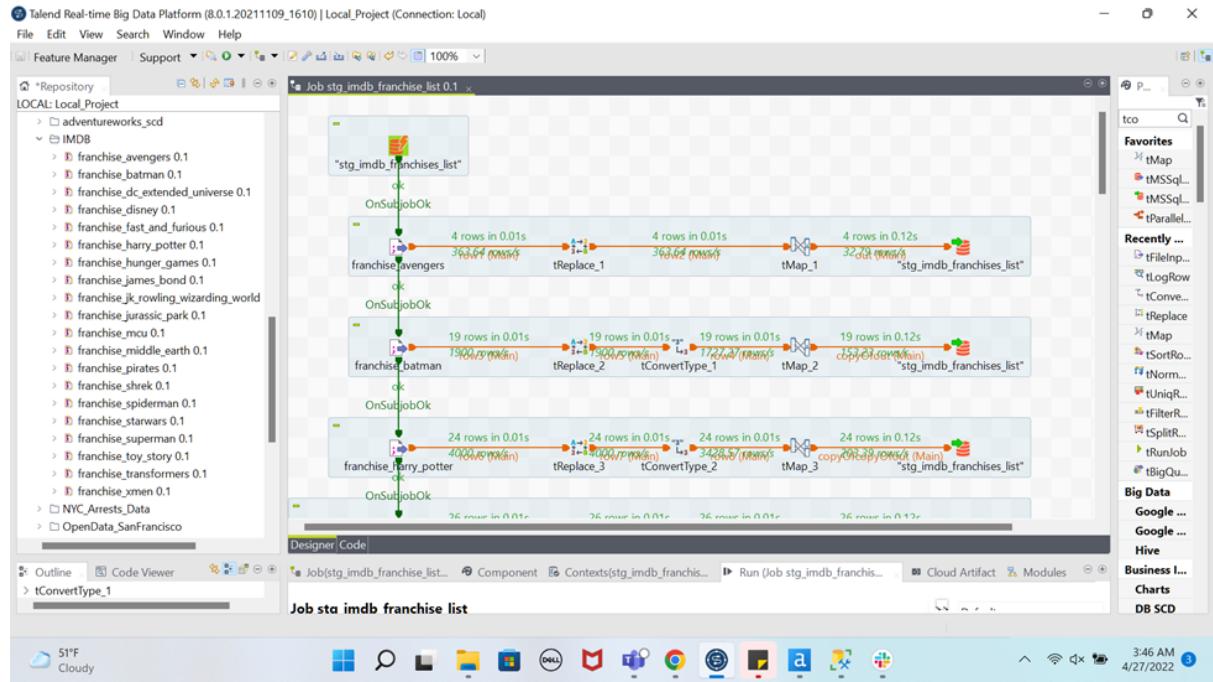
Successfully run. Total query runtime: 1 secs 796 msec. 1 rows affected.

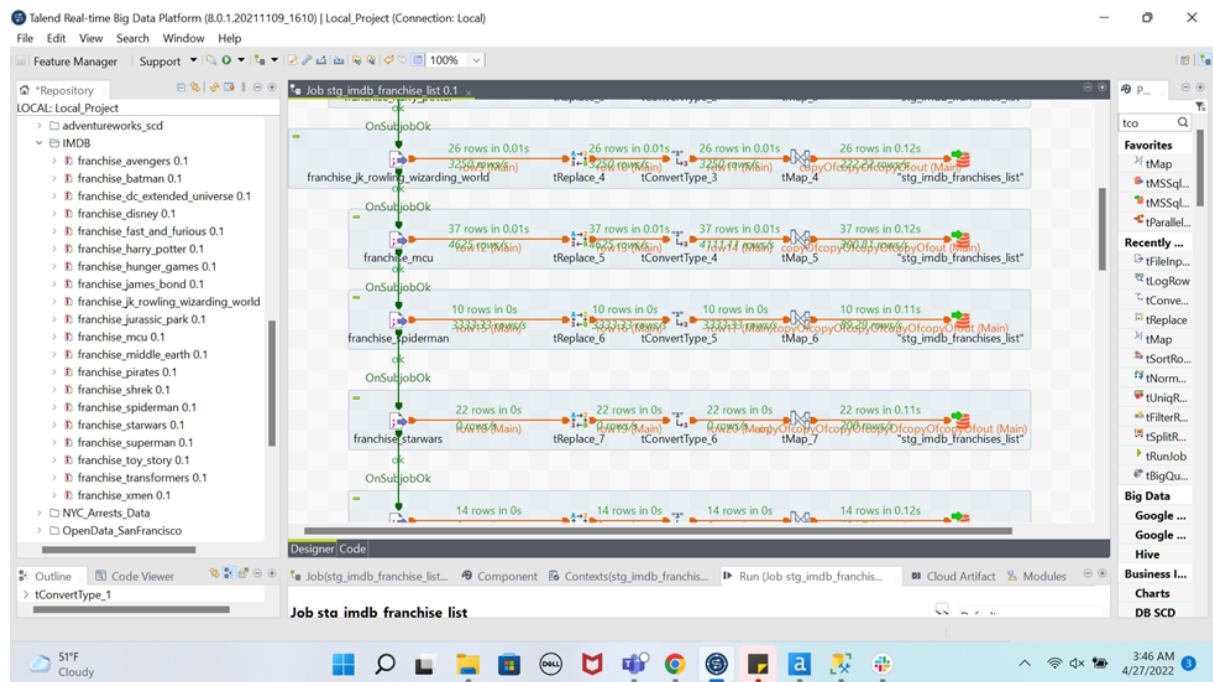
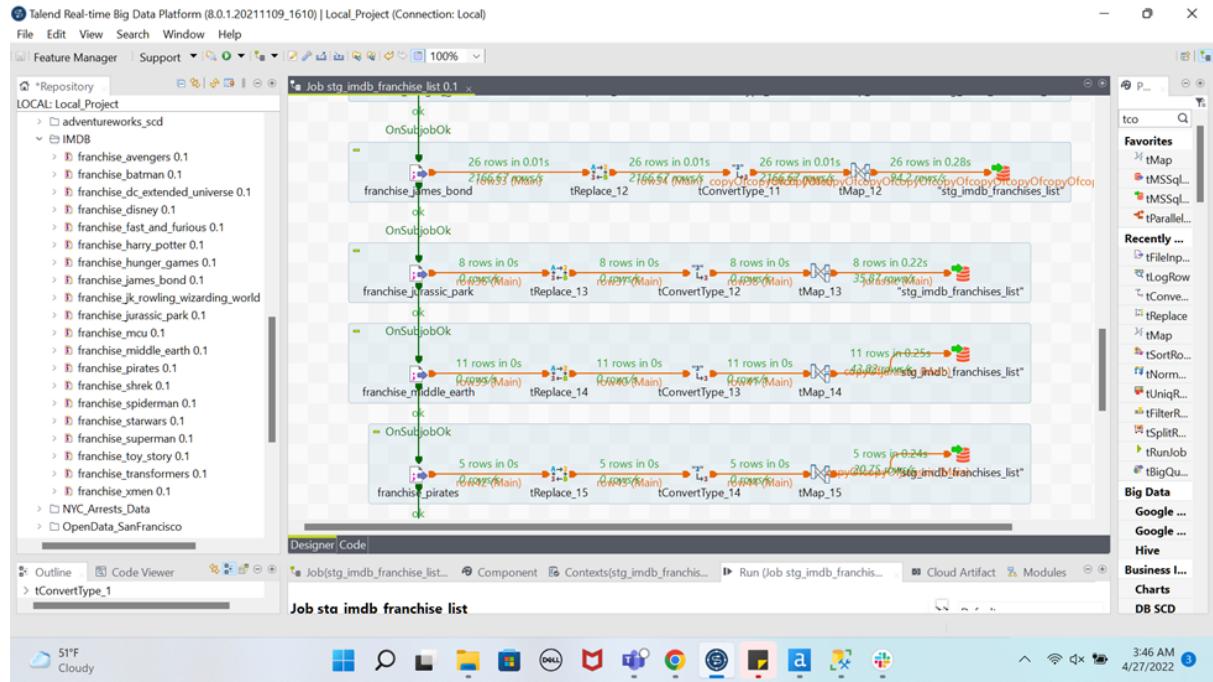
9:31 AM 4/28/2022

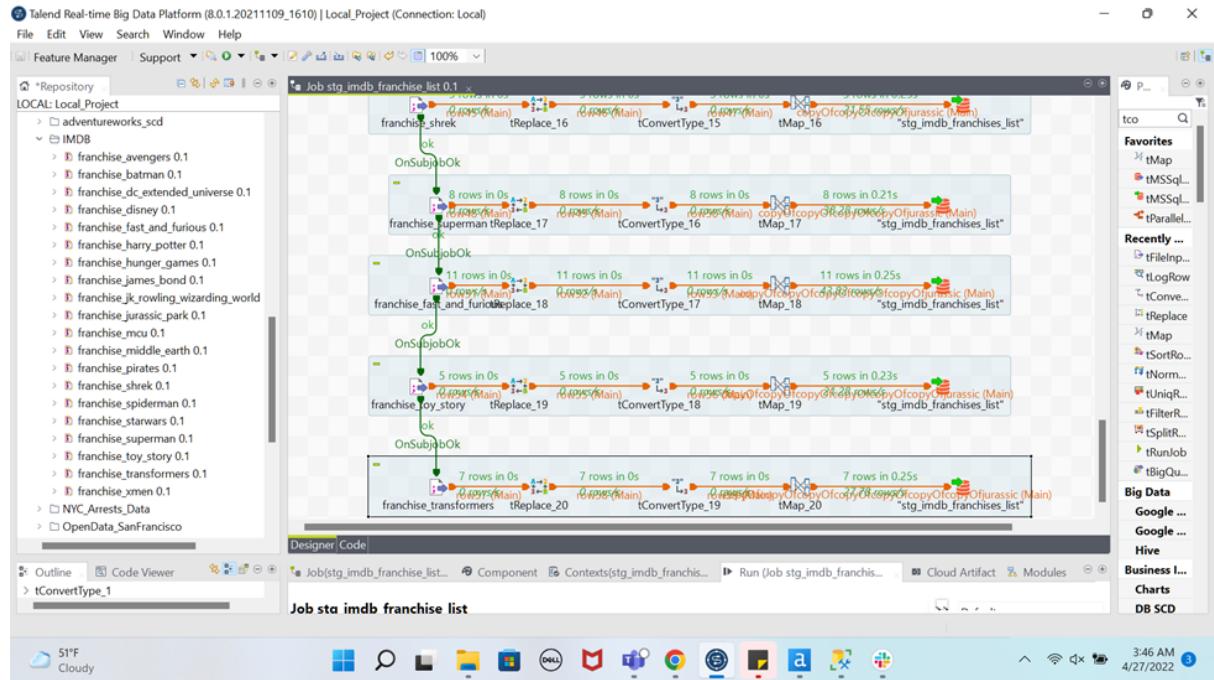


Staging Tables Screenshots

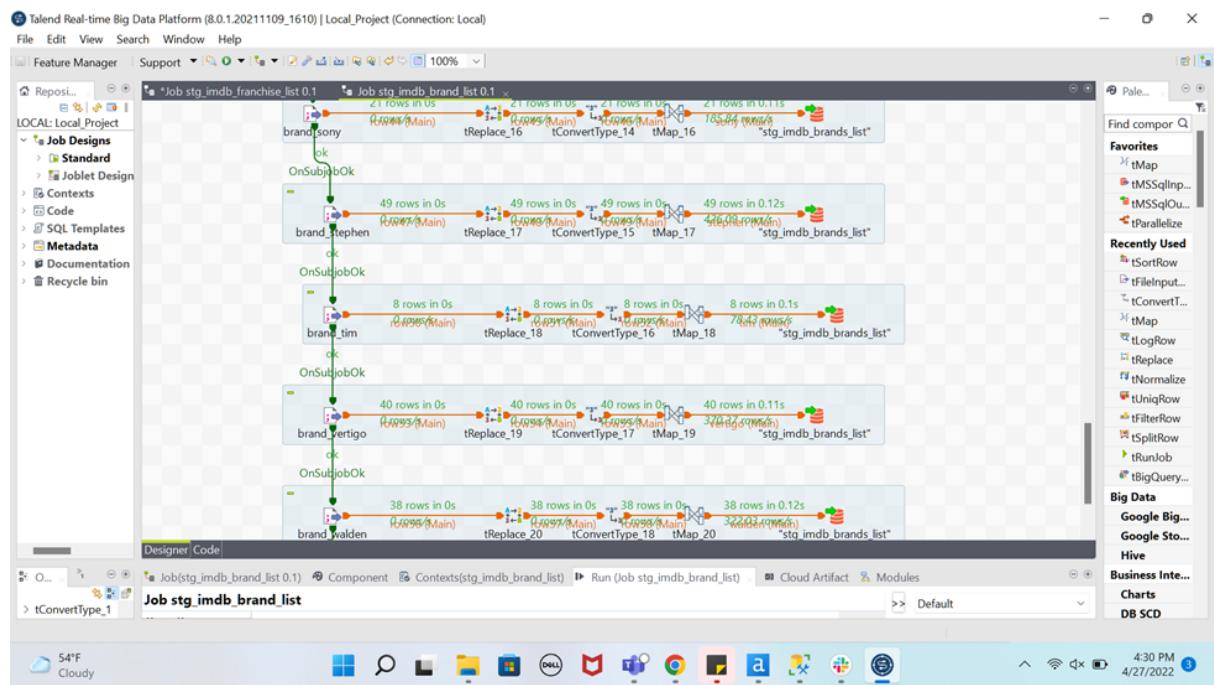
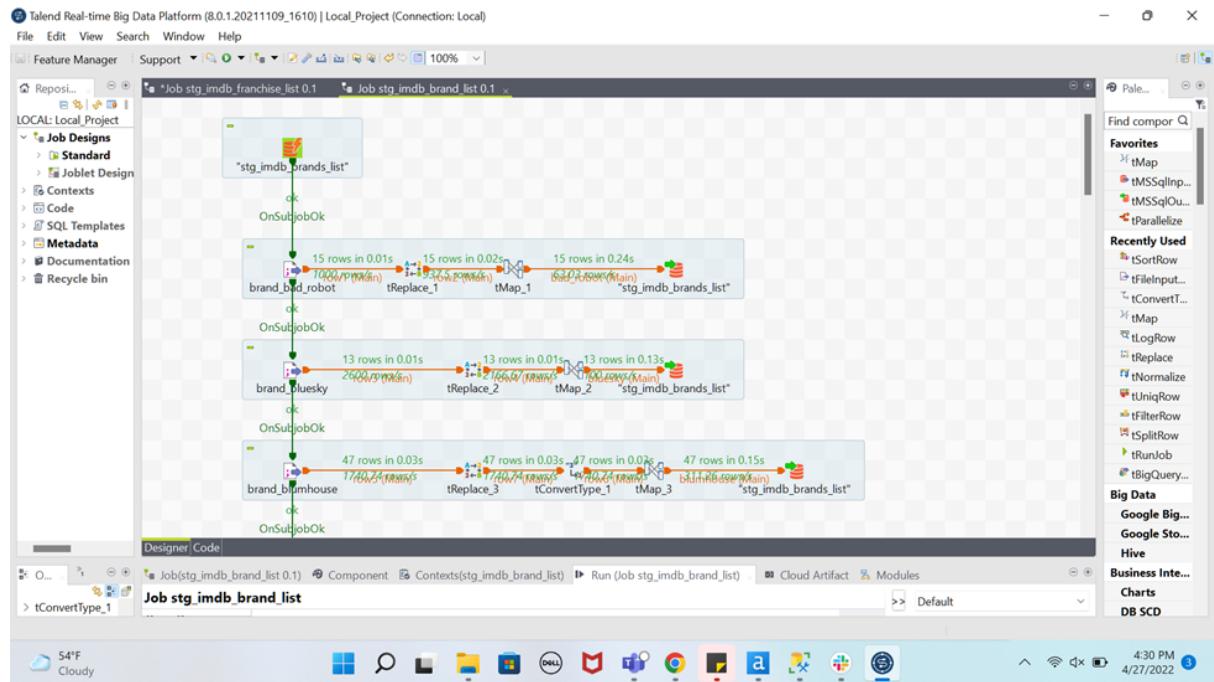
Stg_imdb_franchises_list

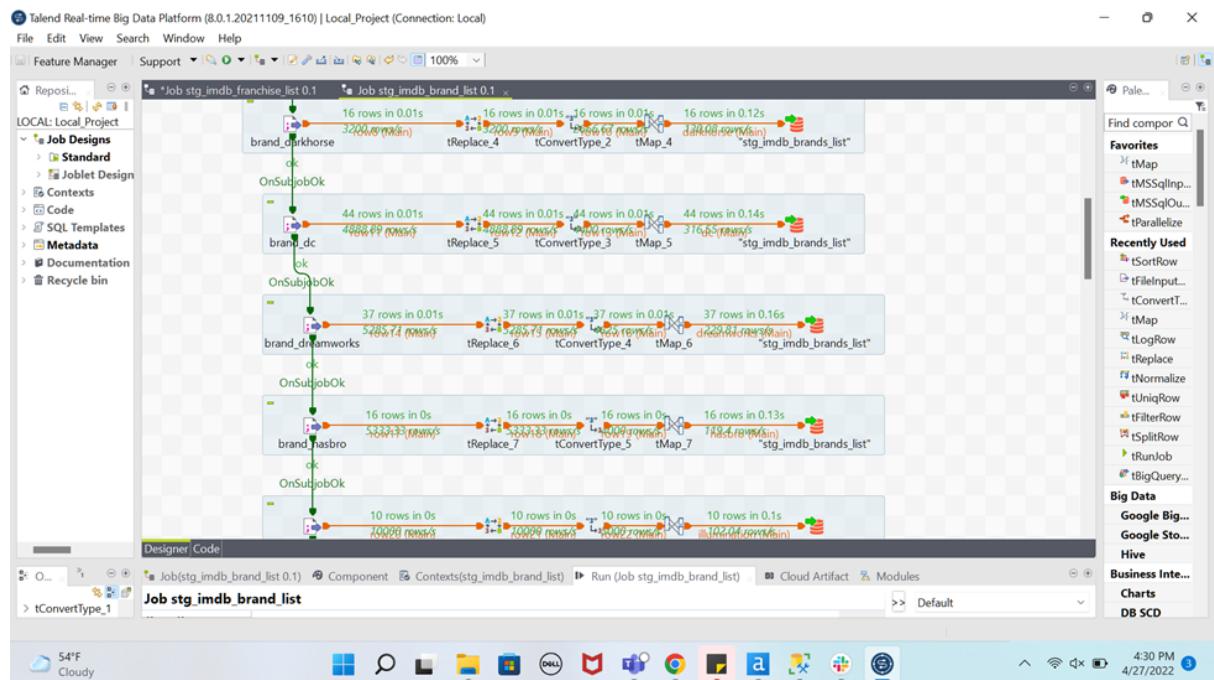
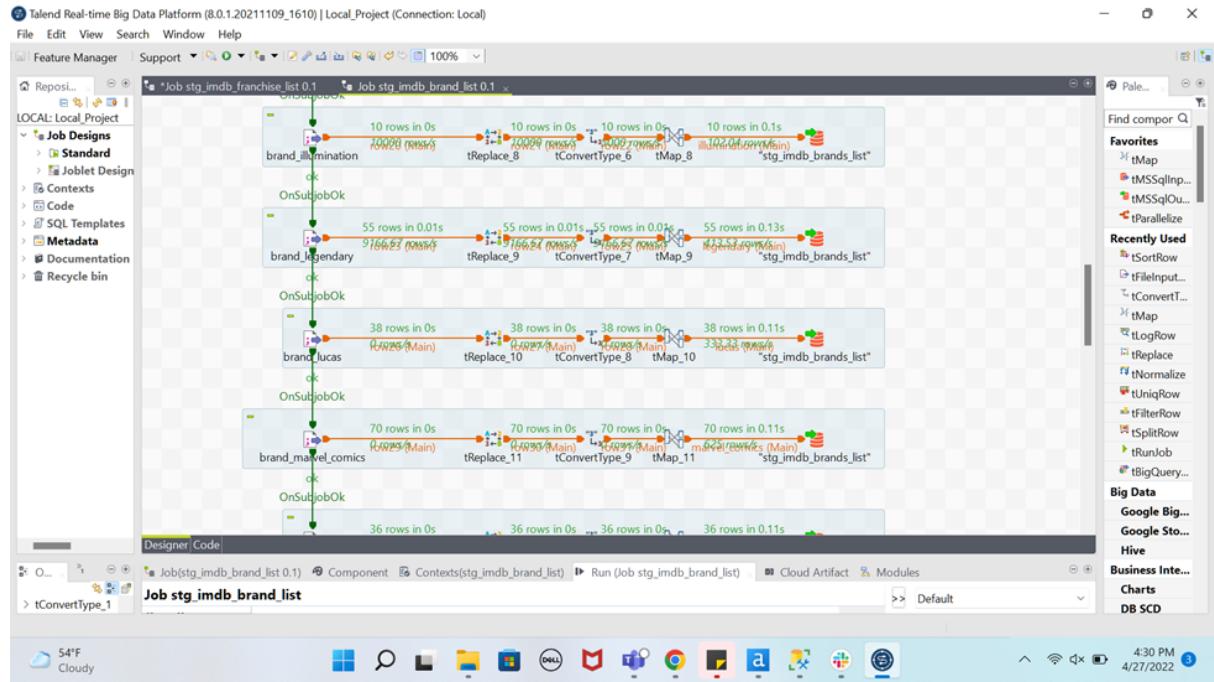


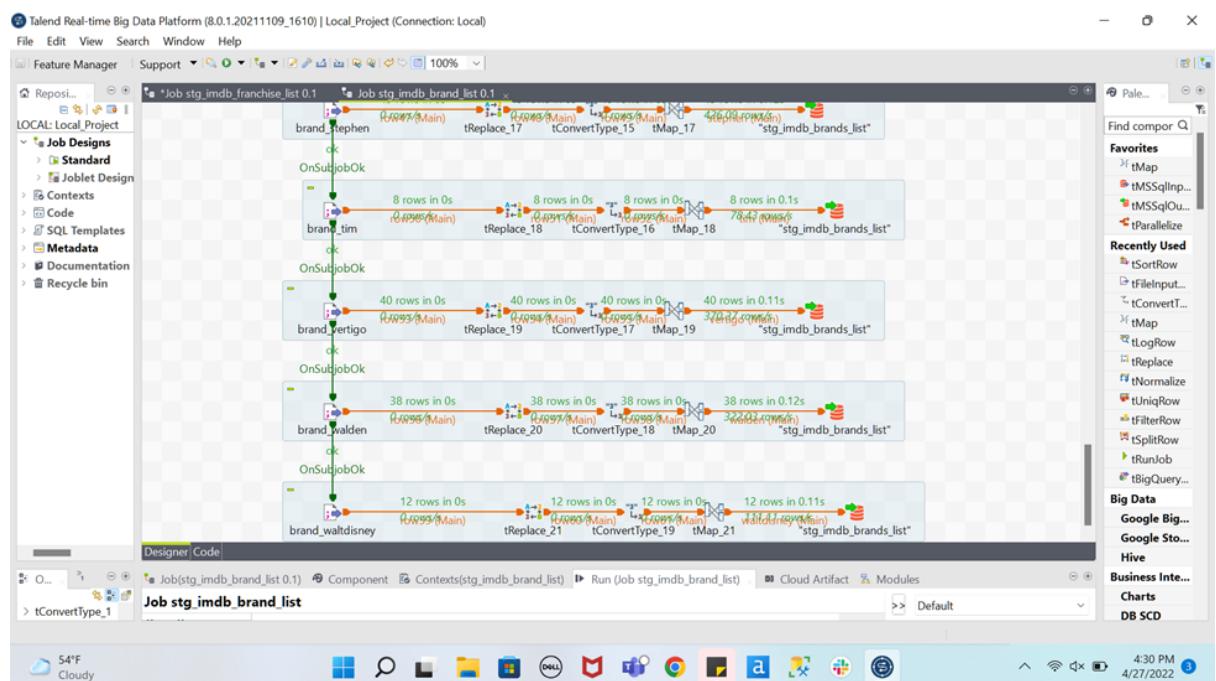
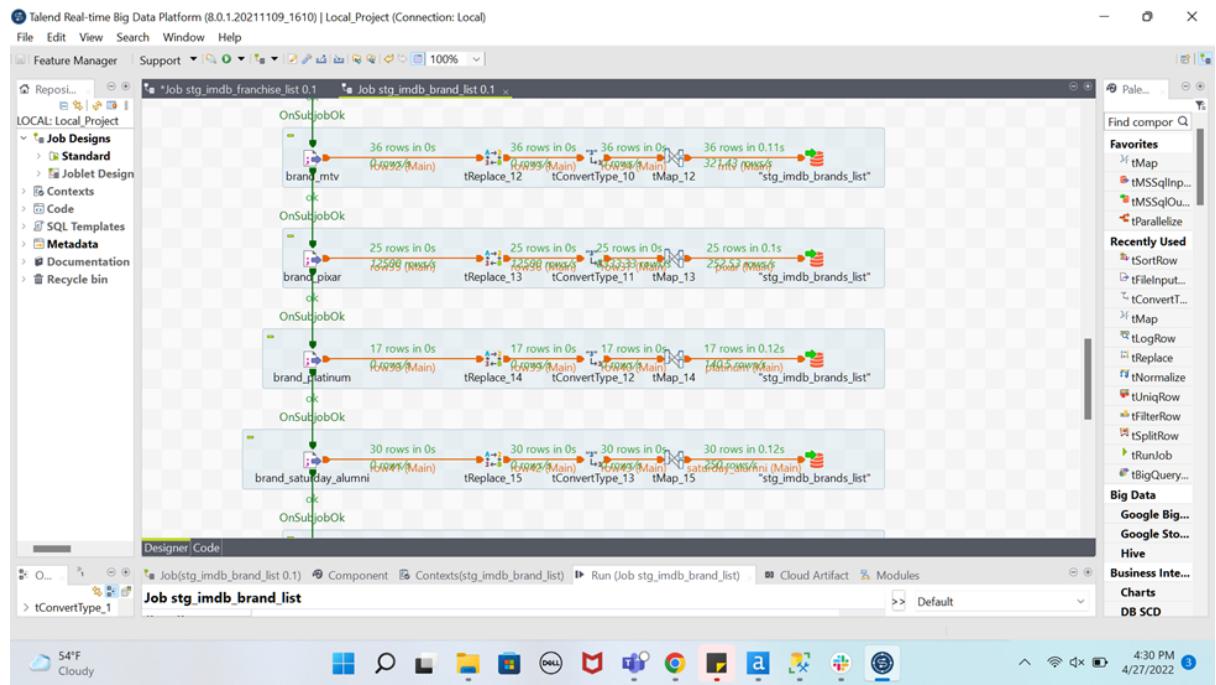




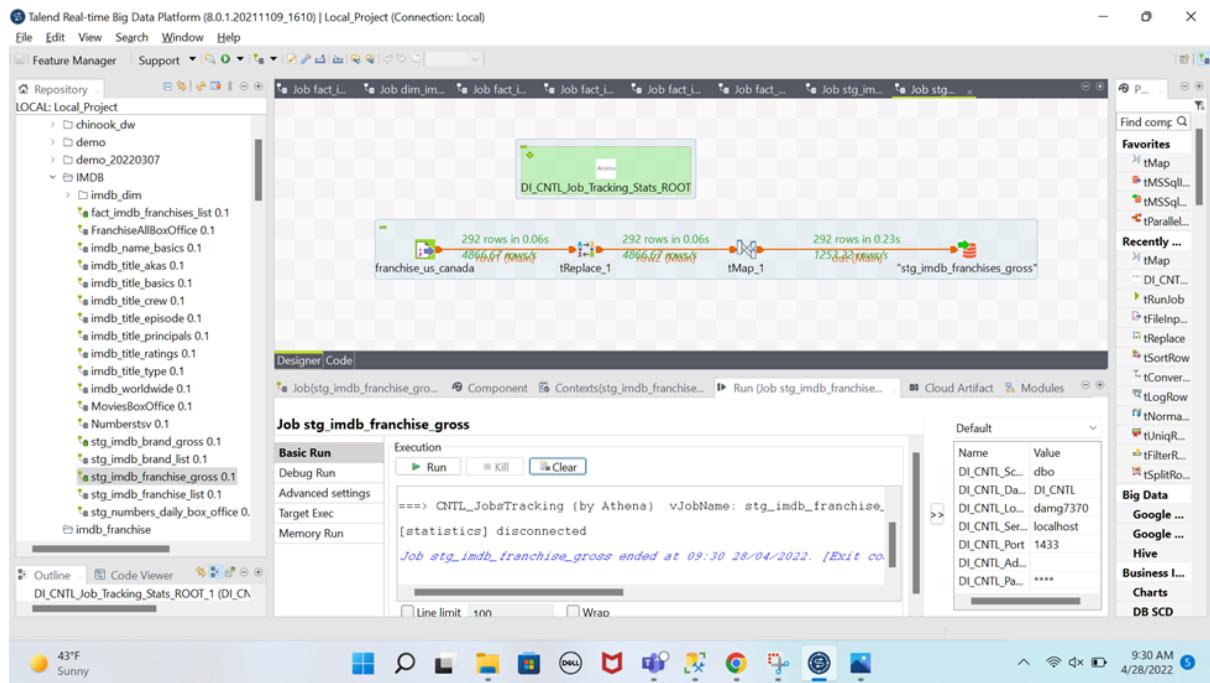
stg_imdb_brands_list



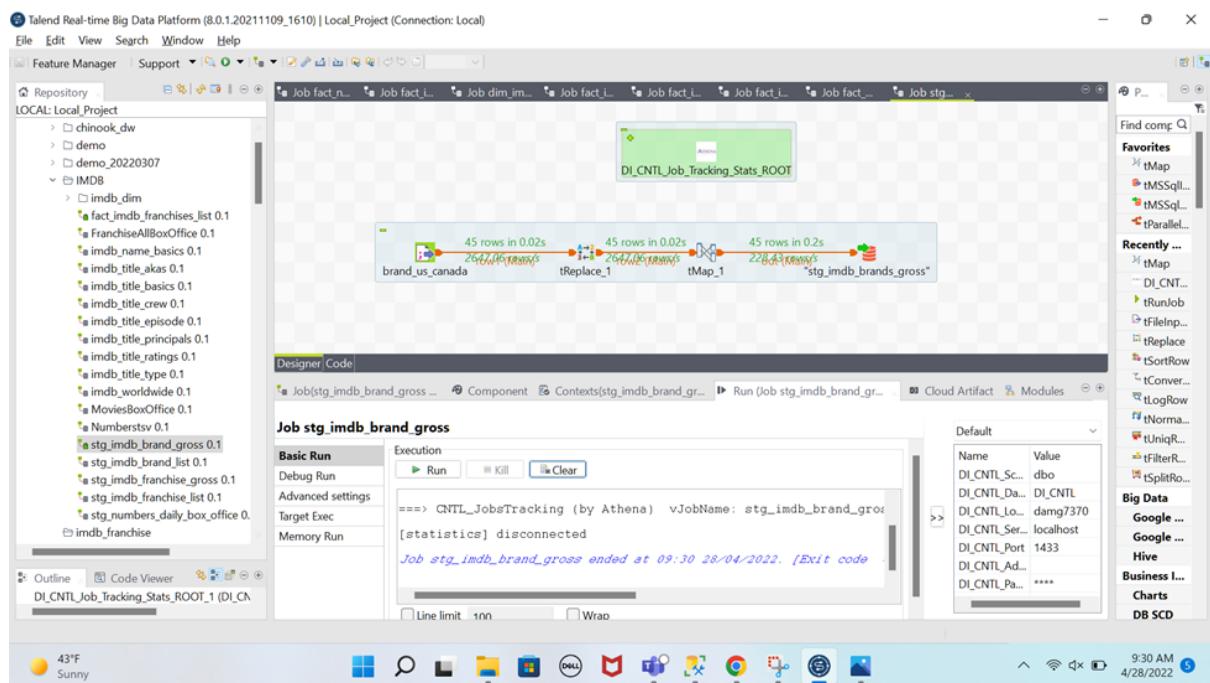




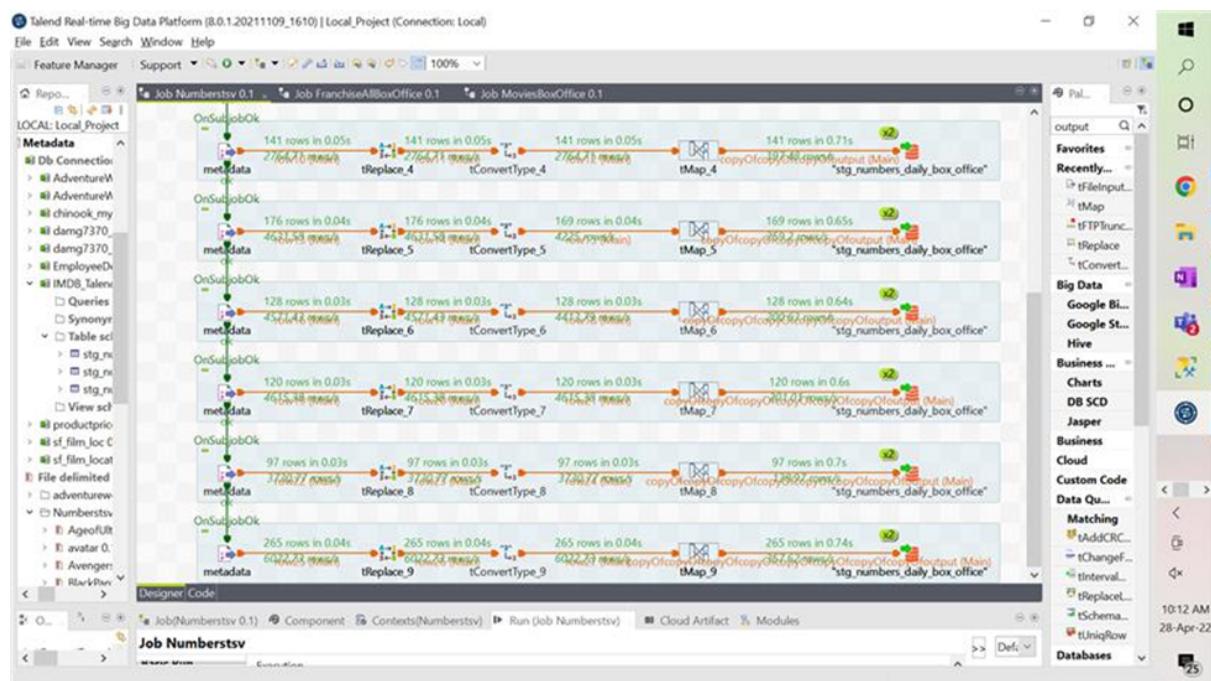
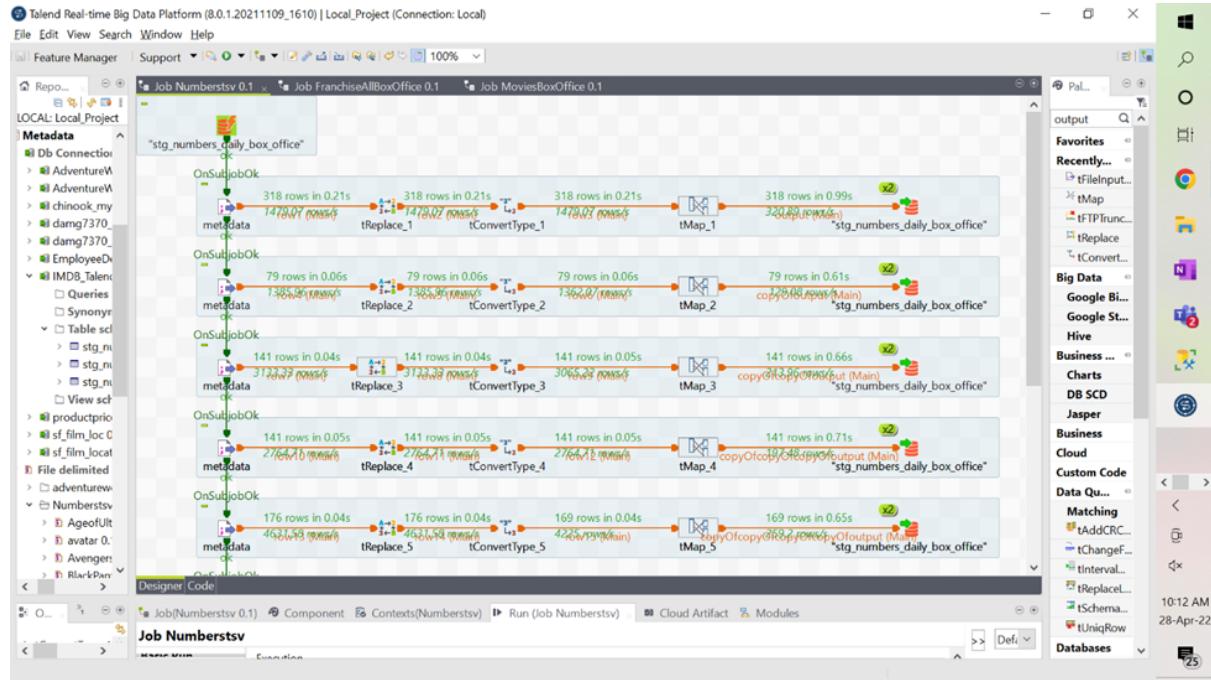
stg_imdb_franchises_gross



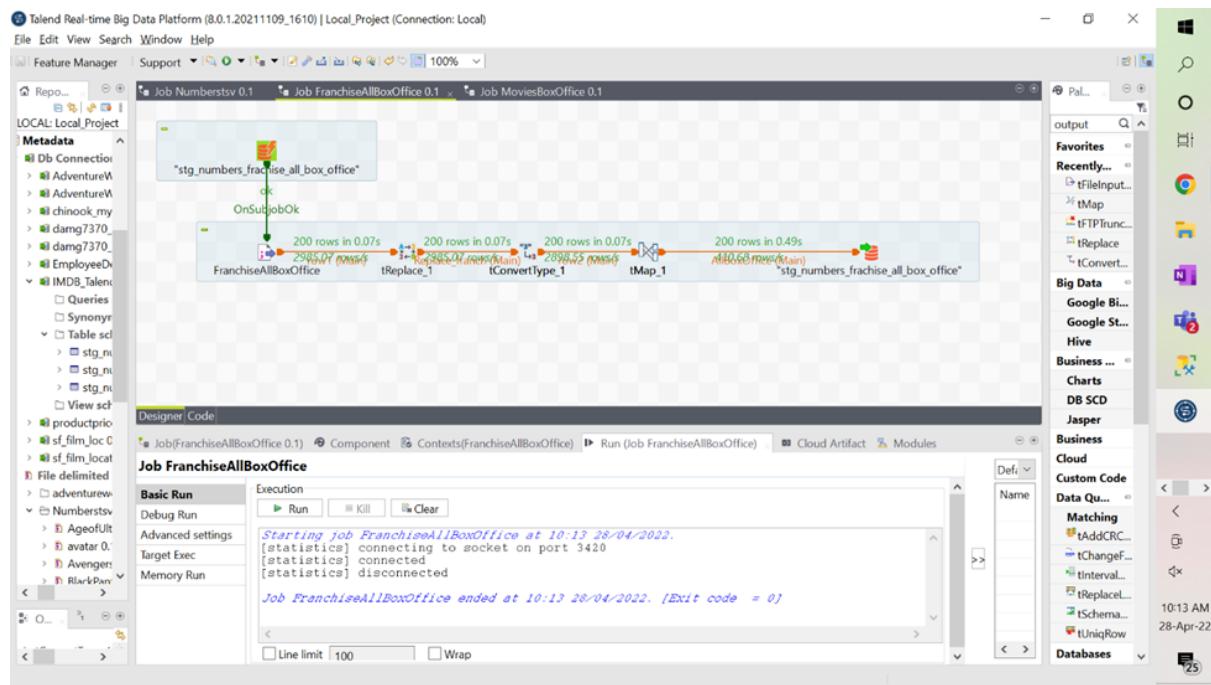
stg_imdb_brands_gross



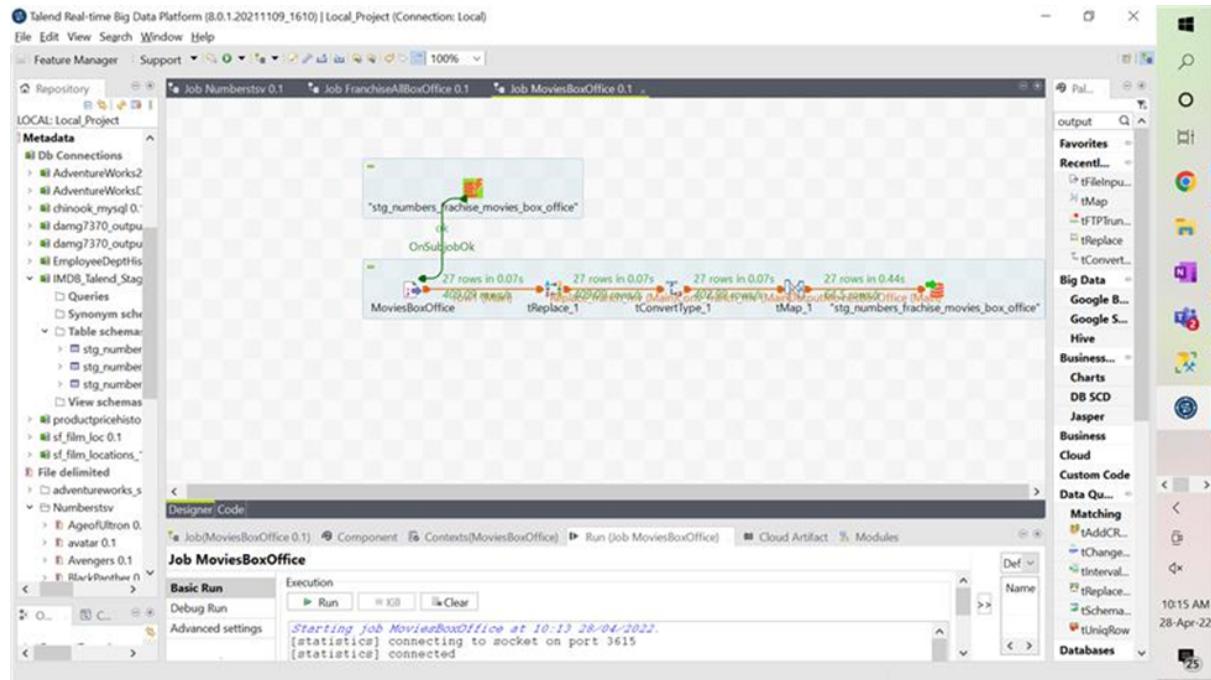
Stg_numbers_daily_box_office



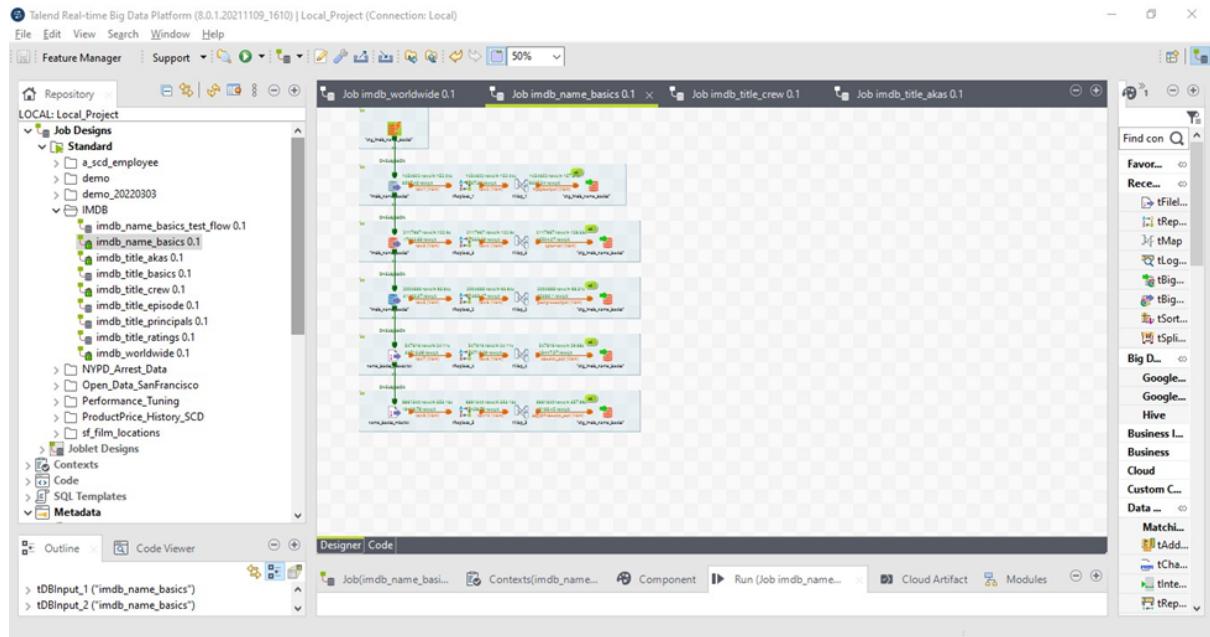
stg_numbers_franchise_all_box_office



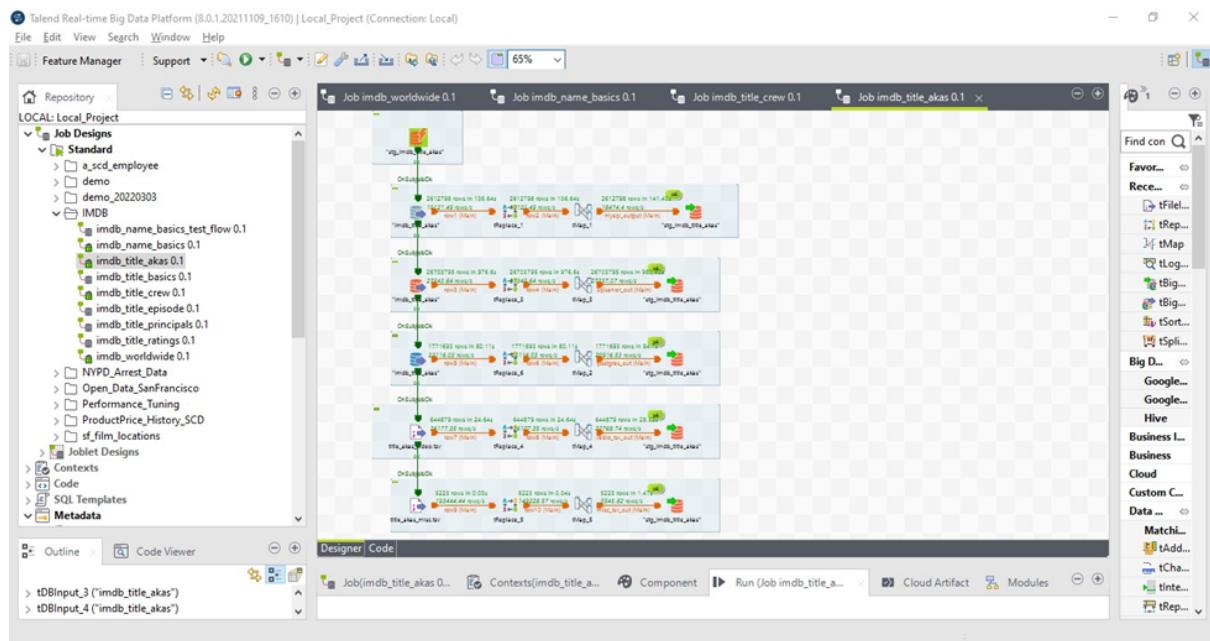
stg_numbers_franchise_movies_box_office



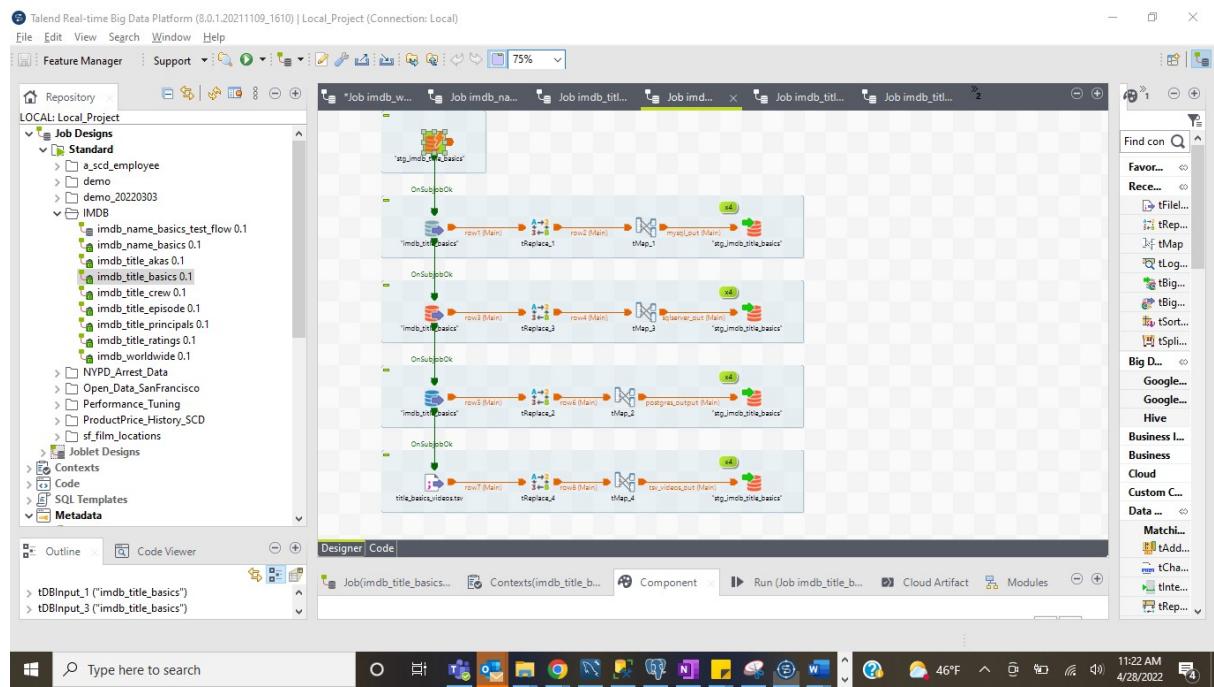
stg_imdb_name_basics



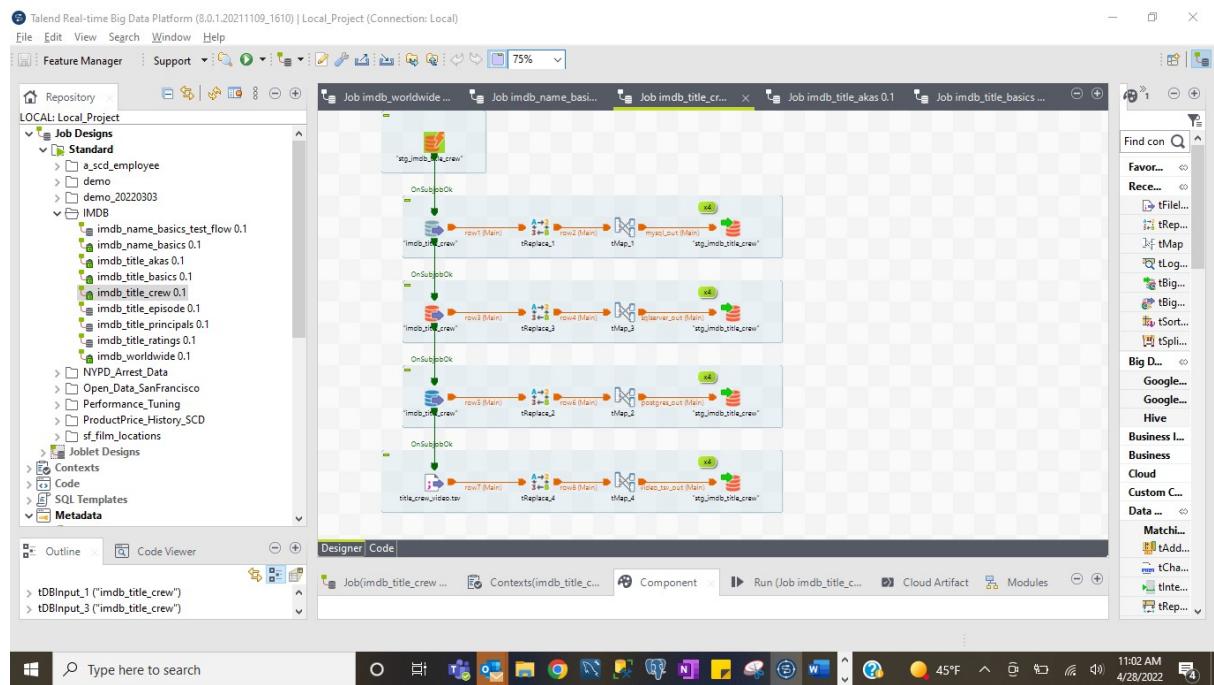
stg_imdb_title_akas



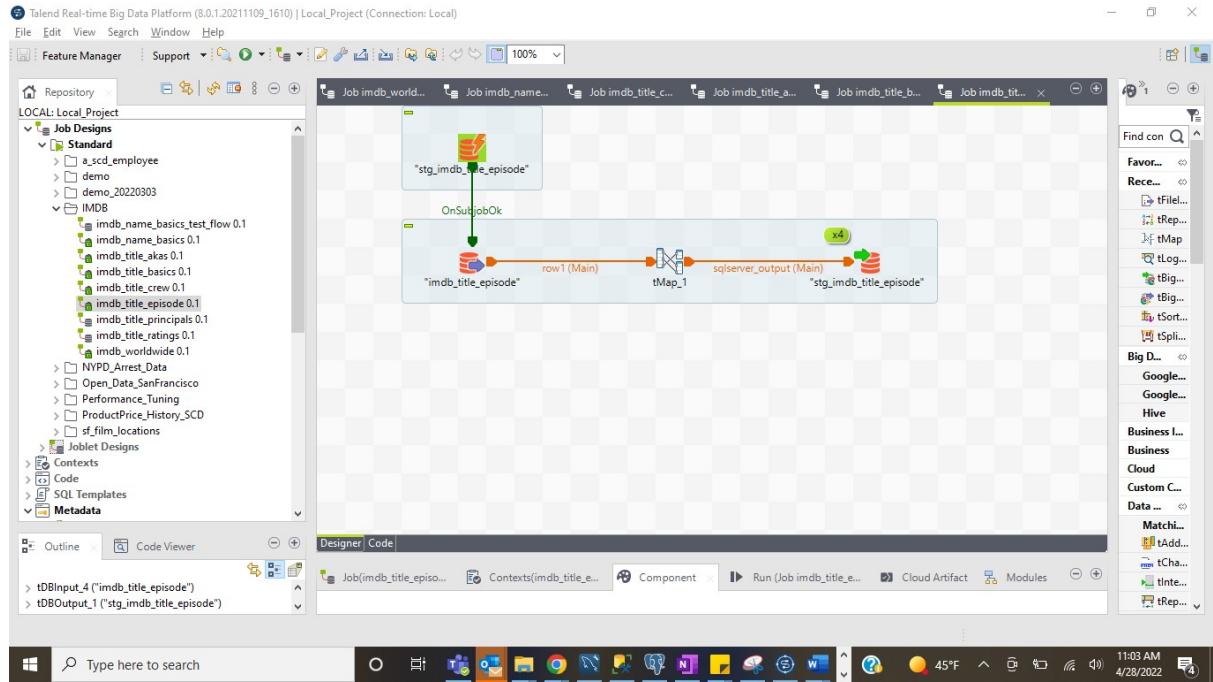
stg_imdb_title_basics



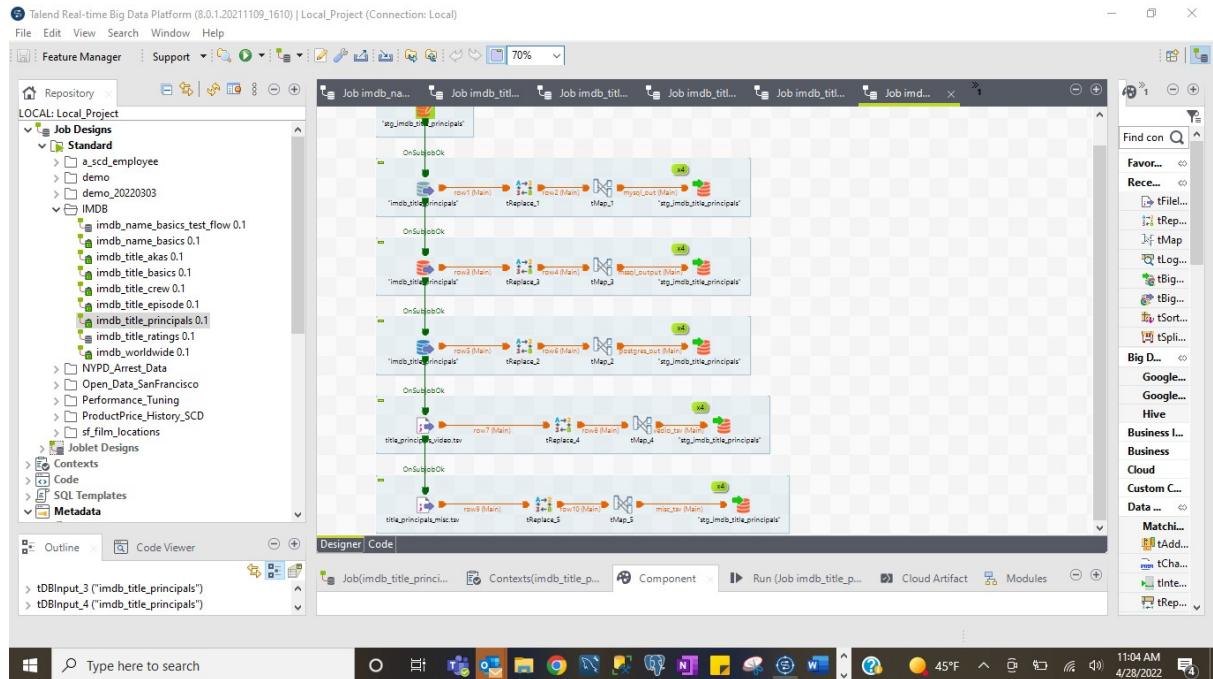
stg_imdb_title_crew



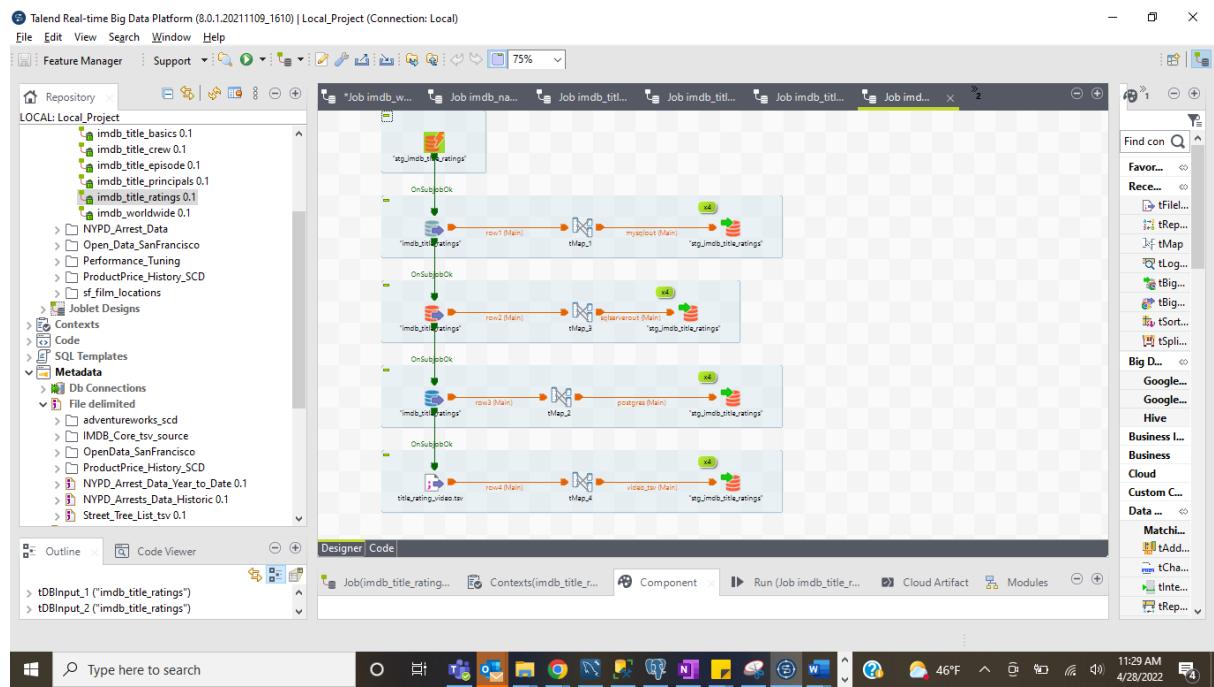
stg_imdb_title_episode



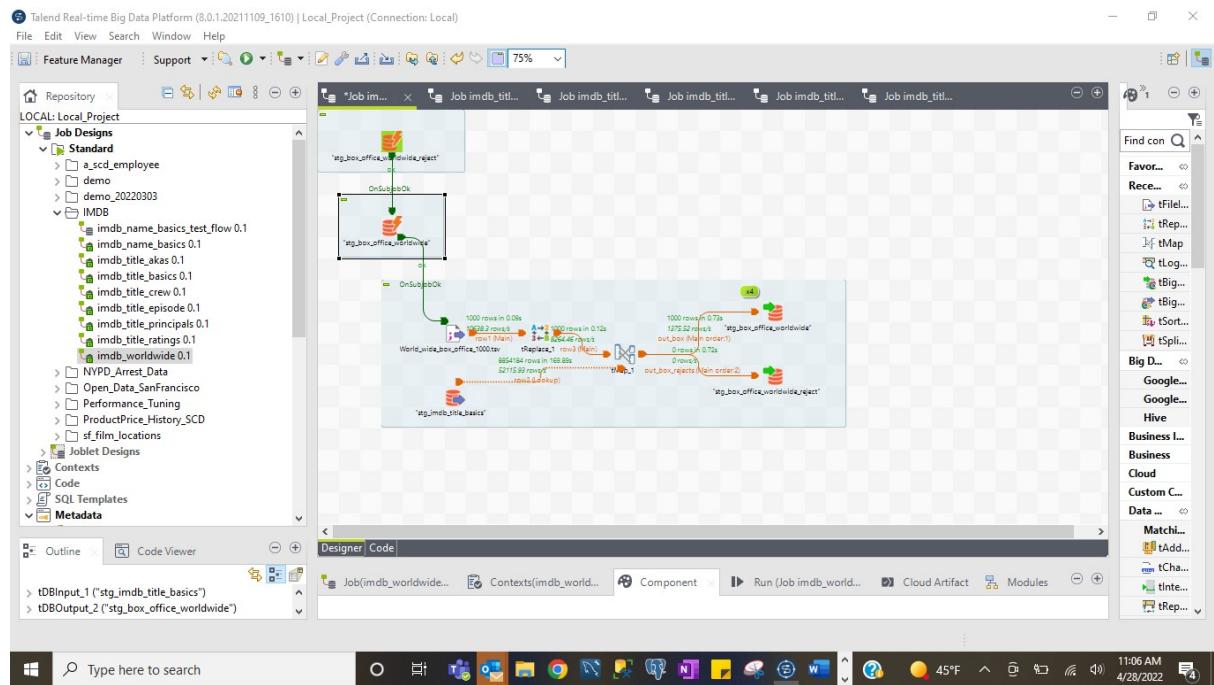
stg_imdb_title_principals



Stg_imdb_title_ratings



stg_box_office_worldwide



Dimensions and Facts Screenshots

