# NORTHEASTERN UNIVERSITY

# **INFORMATION SYSTEMS SPRING '20**



# IMDb Database Project

DESIGNING ADVANCED DATA ARCHITECTURES FOR BUSINESS INTELLIGENCE

INFO 7370 - 35649

**Guided By:** 

**Prof. Richard Sherman** 

Group 10:

Priyanka Malpekar, Tanvi Gurav, Siddhi Prabhu

Sr. No.	Table Name	Table Type	Count		
MOVIE LENS TABLES					
1	stg_ml_genome_scores	Staging Table	15,584,448		
2	stg_ml_genome_tags	Staging Table	1,128		
3	stg_ml_links	Staging Table	62,423		
4	stg_ml_movies	Staging Table	62,423		
5	stg_ml_ratings	Staging Table	25,000,095		
6	stg_ml_tags	Staging Table	1,093,360 (1092869+Rejects: 491)		
IMDB TABLES					
7	stg_iso_country	Staging Table	249		
8	stg_iso_language	Staging Table	486		
9	stg_imdb_name_basics	Staging Table	10,008,408		
10	stg_imdb_title_episode	Staging Table	4,764,382		
11	stg_imdb_title_ratings	Staging Table	1,023,897		
12	stg_imdb_title_crew	Staging Table	6,704,790		
13	stg_imdb_title_principals	Staging Table	38,699,152		
14	stg_imdb_title_akas	Staging Table	21,614,617		
15	stg_imdb_title_basics	Staging Table	6,704,790		
16	stg_imdb_title_basics_genres	Staging Table	10,158,625		

17	STG_box_office_worldwide	Staging Table	1,000		
18	stg_imdb_title_crew_directors	Staging Table	5,170,628		
19	stg_imdb_title_crew_writers	Staging Table	7,916,702		
20	stg_imdb_name_basics_knownF orTitles	Staging Table	21,575,298		
21	stg_imdb_brands_list	Staging Table	629		
22	stg_imdb_franchises_list	Staging Table	282		
23	stg_imdb_franchises_gross	Staging Table	289		
24	stg_imdb_brands_gross	Staging Table	44		
25	stg_imdb_name_basics_primary Profession	Staging Table	10,986,452		
NUMBERS TABLES					
26	stg_numbers_daily_box_office	Staging Table	97		
27	stg_numbers_frachise_all_box_o ffice	Staging Table	867		
28	stg_numbers_frachise_movies_b ox_office	Staging Table	28		
DIMENSIONS					
29	dim_imdb_titleType	Dimension	10		
30	dim_imdb_title_basics	Dimension	6,704,790		
31	dim_imdb_Franchise	Dimension	289		
32	dim_imdb_primaryProfession	Dimension	40		
33	dim_iso_language	Dimension	486		

34	dim_imdb_name_basics	Dimension	10,008,408	
35	dim_iso_country	Dimension	249	
36	dim_imdb_genres	Dimension	28	
37	dim_imdb_title_episode	Dimension	4,764,372	
38	dim_imdb_brand	Dimension	44	
39	dim_imdb_job_category	Dimension	12	
40	dim_imdb_name_basics_primar yProfession	Dimension	10,986,452	
41	dim_imdb_name_basics_known ForTitles	Dimension	21,565,259	
42	dim_imdb_name_basics_known ForTitles_rejects	Reject_Dimension	10,039	
43	dim_imdb_title_principals	Dimension	38,676,545	
44	dim_imdb_title_principals_rejec ts	Reject_Dimension	22,607	
45	dim_imdb_title_basics_genres	Dimension	10,158,625	
46	imdb_projectdim_imdb_title_cre w_writers	Dimension	7,916,672	
47	imdb_projectdim_imdb_title_cre w_writers_rejects	Reject_Dimension	30	
48	imdb_projectdim_imdb_title_cre w_directors	Dimension	5,170,597	
49	imdb_projectdim_imdb_title_cre w_directors_rejects	Reject_Dimension	31	
50	dim_imdb_title_episode	Dimension	4,764,372	
51	dim_imdb_title_episode_rejects	Reject_Dimension	10	
Facts				

52	fct_ml_genome_tags	Fact	1128
53	fct_ml_genome_scores	Fact	15,560,760
54	fct_ml_genome_scores_rejects	Fact	23,688
55	fct_movies_box_office_worldwid e	Fact	1000
56	fct_imdb_title_ratings	Fact	1,023,897
57	fct_ml_tags	Fact	1092260
58	fct_ml_tags_rejects	Fact	609
59	fct_imdb_brands_gross	Fact	44
60	fct_ml_ratings	Fact	24983941
61	fct_ml_ratings_rejects	Fact	16,154
62	fact_numbers_daily_box_office	Fact	97
63	fact_imdb_brands_gross	Fact	44
64	fct_numbers_franchise_all_box_ office	Fact	867
65	fct_numbers_franchise_movies_ box_office	Fact	28
66	fct_imbd_brands_list	Fact	44
67	fct_imdb_franchises_gross	Fact	289

# **Screenshots of Job Execution**

Table: stg\_ml\_genome\_tags

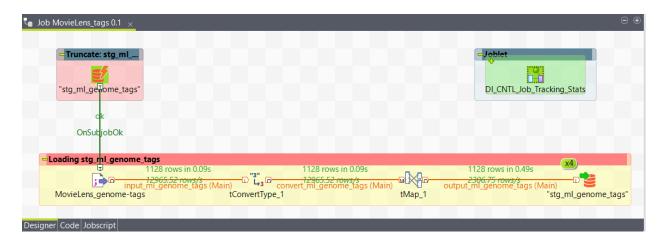


Table: stg\_ml\_movies

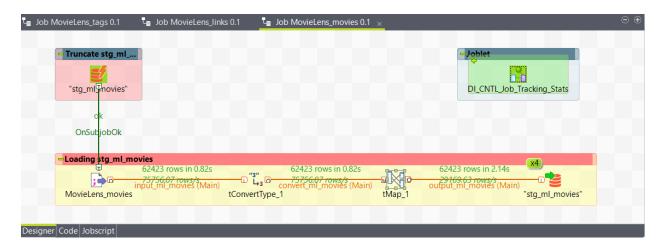
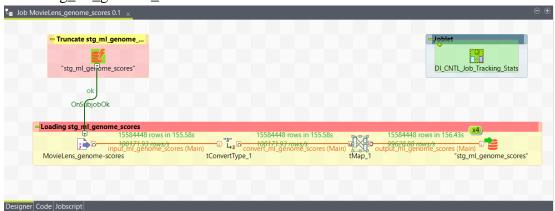
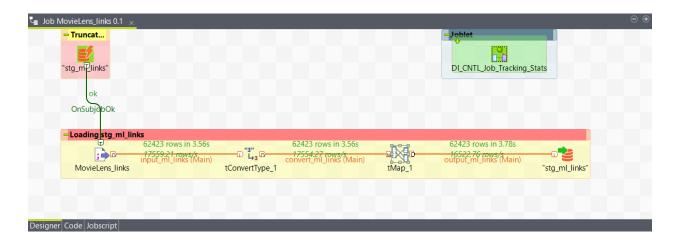


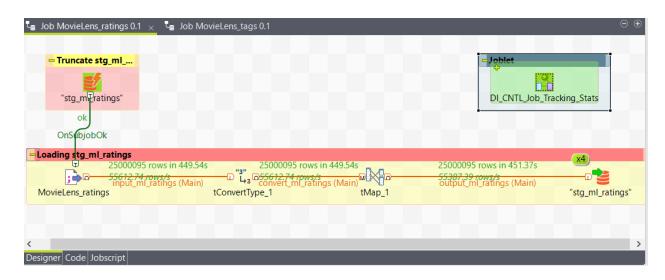
Table: stg\_ml\_genome\_scores



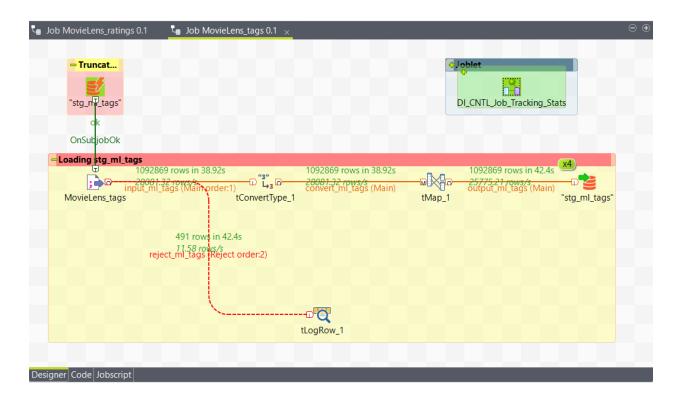
# Table: stg\_ml\_links



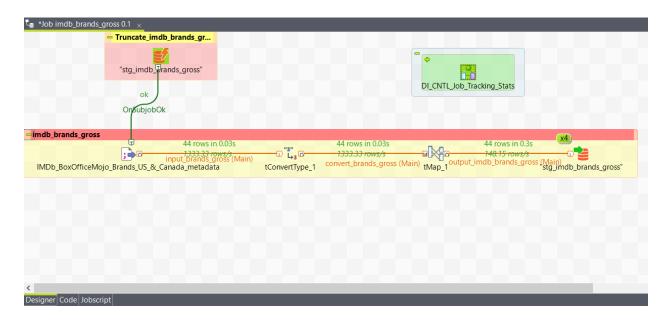
# Table: stg\_ml\_ratings



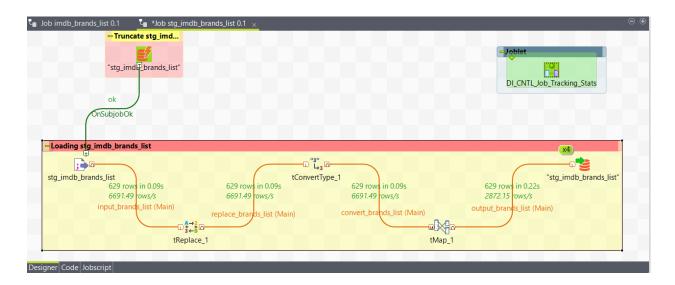
#### Table: stg\_ml\_tags



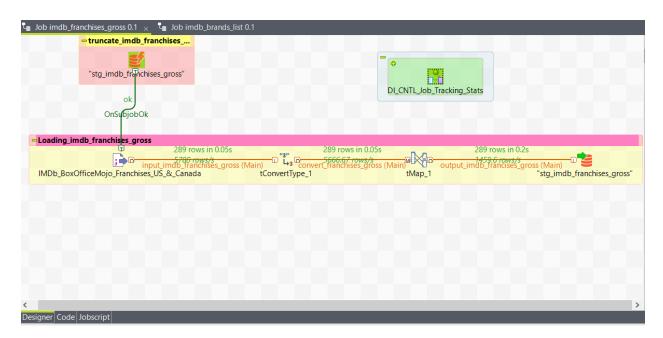
# $Table: stg\_imdb\_brands\_gross$



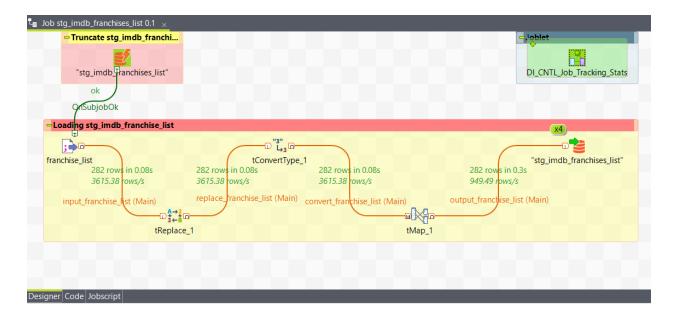
## Table: stg\_imdb\_brands\_list



# Table: imdb\_franchises\_gross



## Table: stg\_imdb\_franchises\_list



# Table: stg\_iso\_country

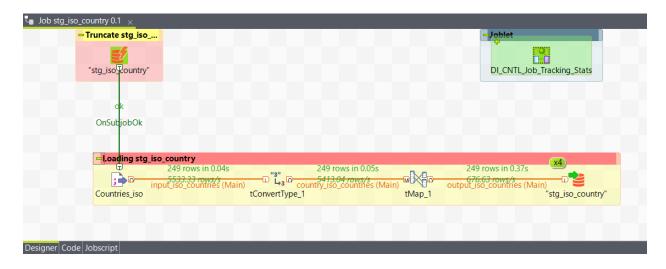


Table: stg\_iso\_language

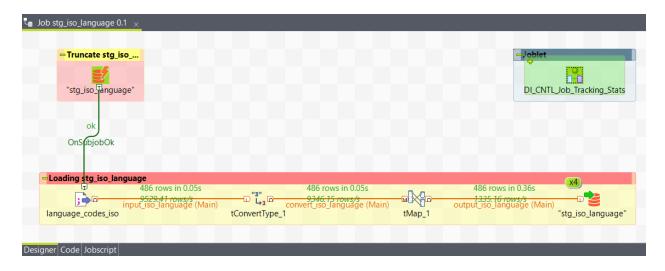


Table: stg\_imdb\_name\_basics

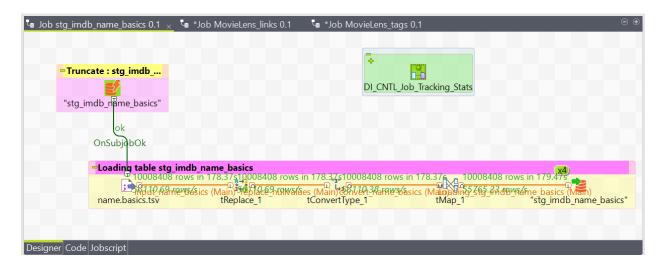


Table: stg\_imdb\_title\_ratings

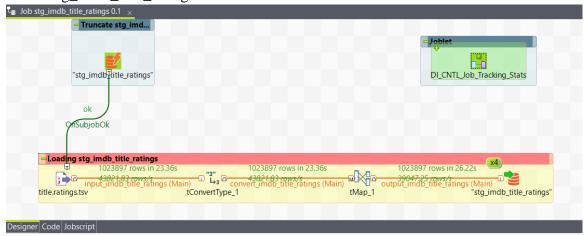


Table: stg\_imdb\_title\_episodes

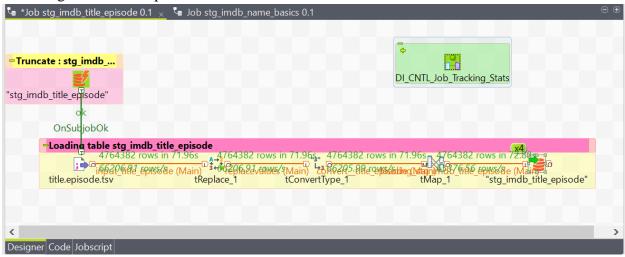


Table: stg\_imdb\_title\_crew

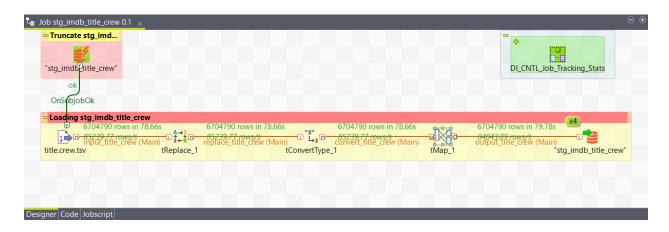


Table: stg\_imdb\_title\_principals

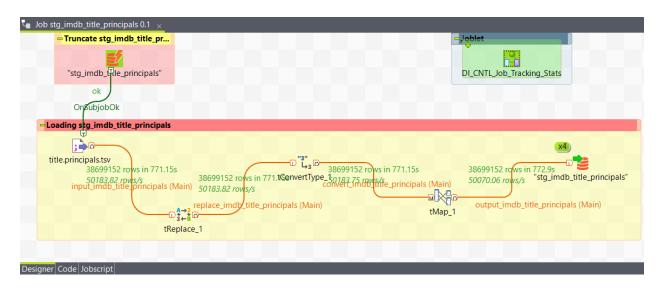


Table: stg\_box\_office\_worldwide

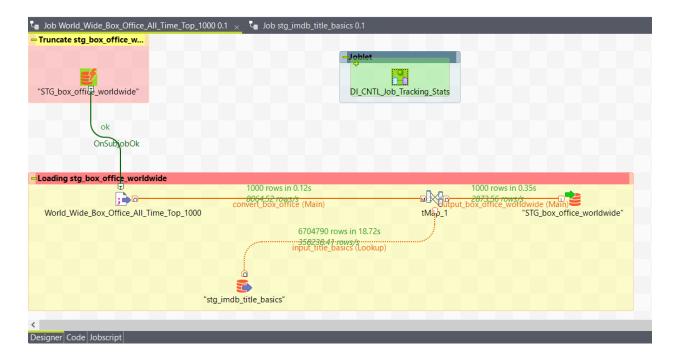
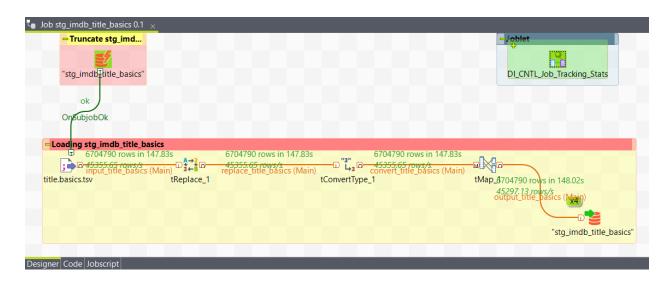
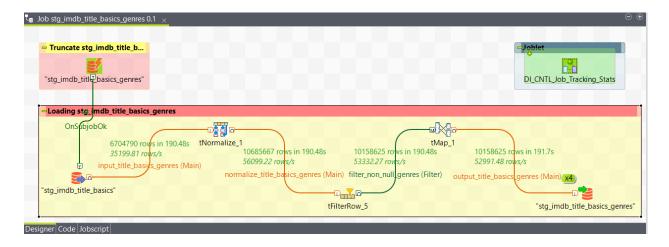


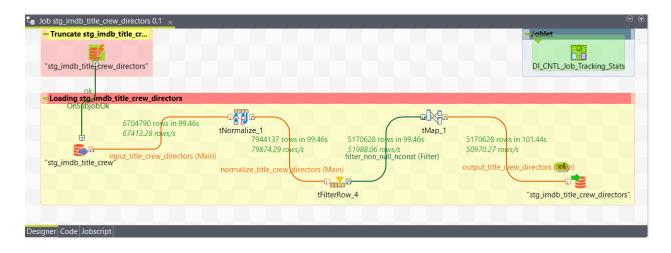
Table: stg\_imdb\_title\_basics



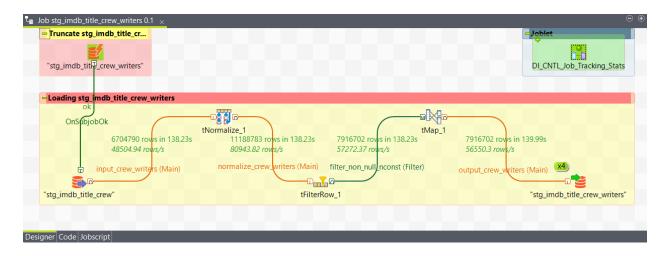
#### Table: stg\_imdb\_title\_basics\_genres



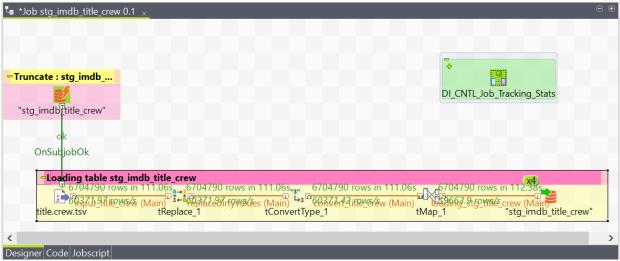
## Table: stg\_imdb\_title\_crew\_directors



# Table: stg\_imdb\_title\_crew\_writers



# Table: stg\_imdb\_title\_crew



## Table: stg\_imdb\_title\_akas



Table: stg\_imdb\_name\_basics\_primaryProfession

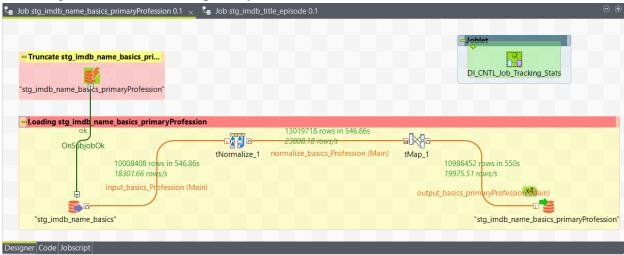


Table: stg\_imdb\_name\_basics\_knownForTitles

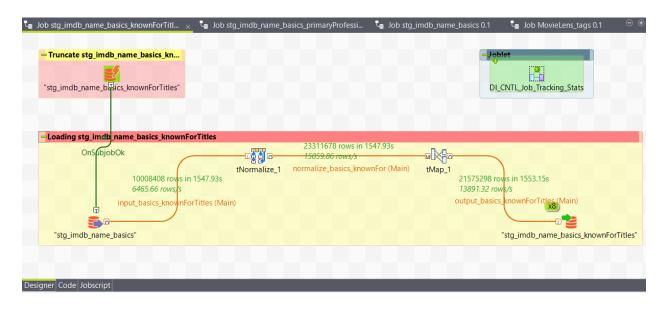


Table: stg\_numbers\_daily\_box\_office

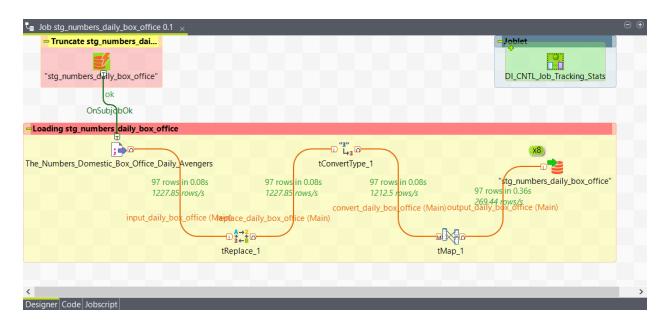
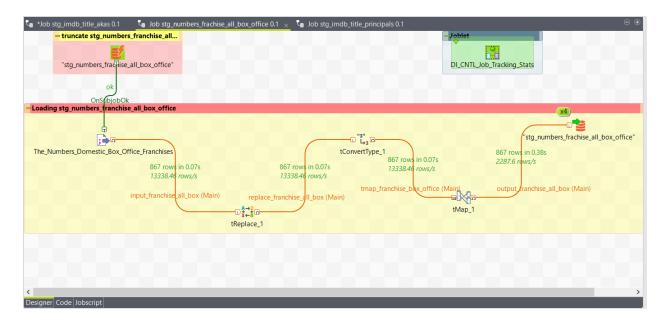
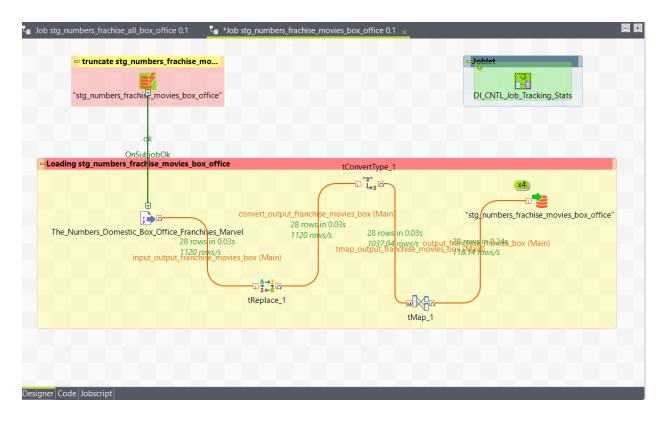


Table: stg\_numbers\_franchise\_all\_box\_office



# Table: stg\_numbers\_frachise\_movies\_box\_office



# **DIMENSIONS:**

Table: dim\_imdb\_titleType

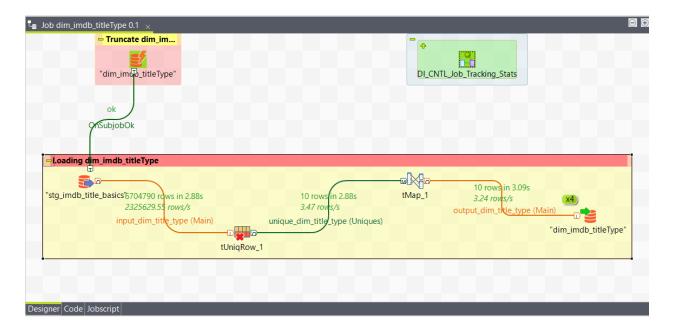
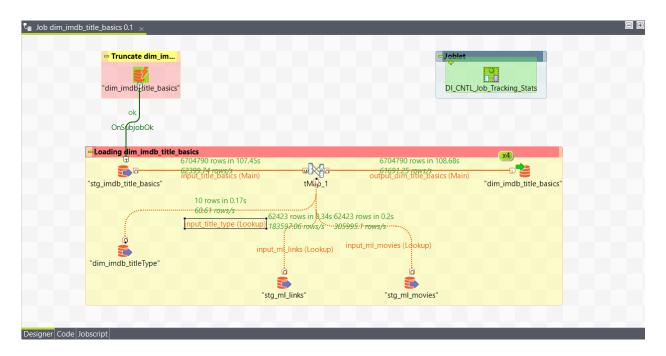
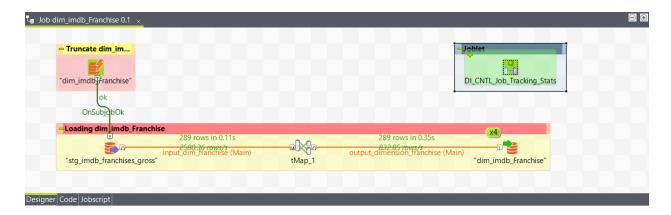


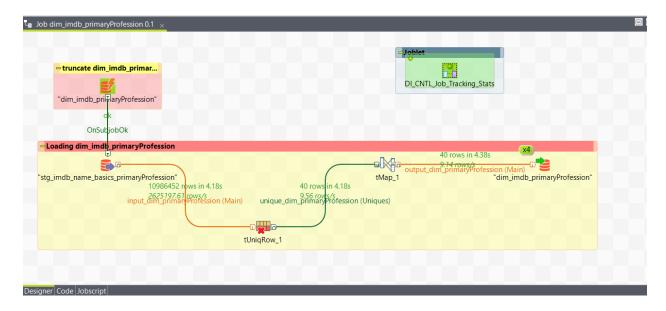
Table: dim\_imdb\_title\_basics



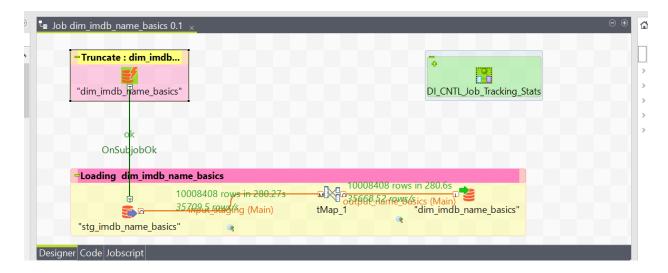
## Table: dim\_imdb\_Franchise



# Table: dim\_imdb\_primary\_profession



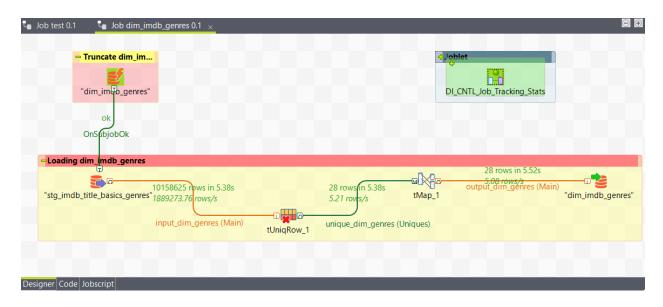
#### Table: dim\_imdb\_name\_basics



# Table: dim\_iso\_language



## Table: dim\_imdb\_genres



# Table: dim\_iso\_country

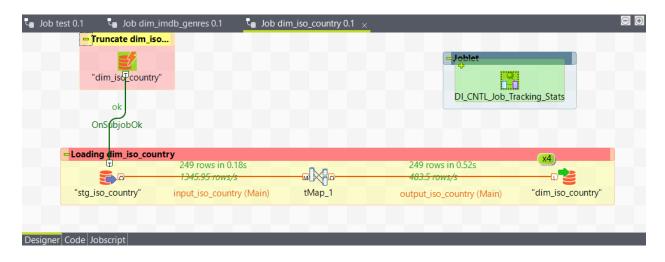


Table: dim\_imdb\_brand

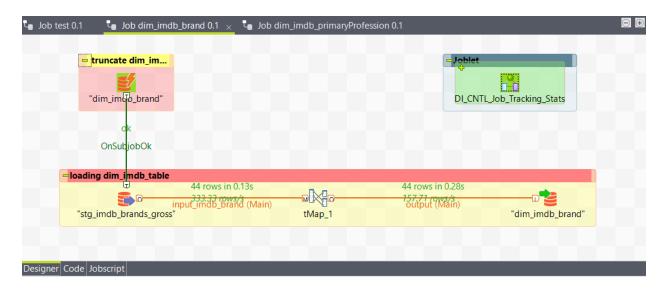
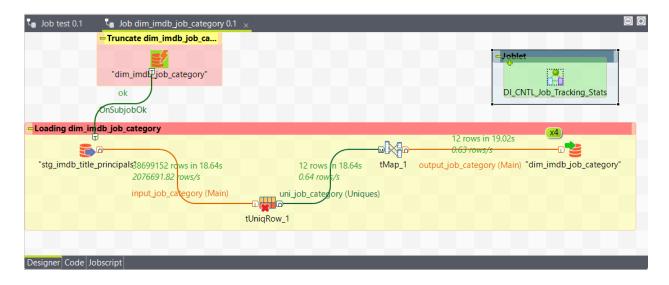


Table: dim\_imdb\_job\_category



## Table: dim\_imdb\_name\_basics\_PrimaryProfession

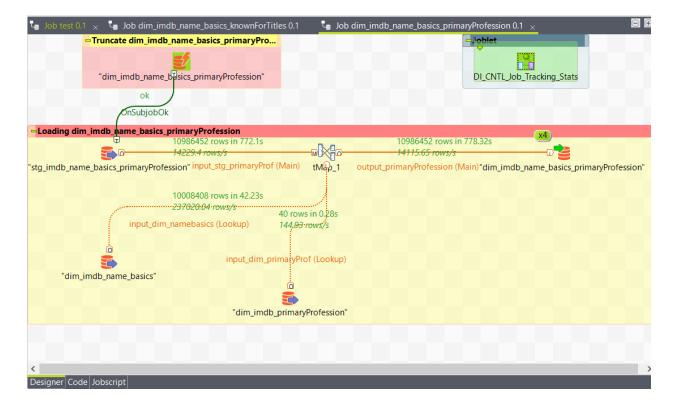
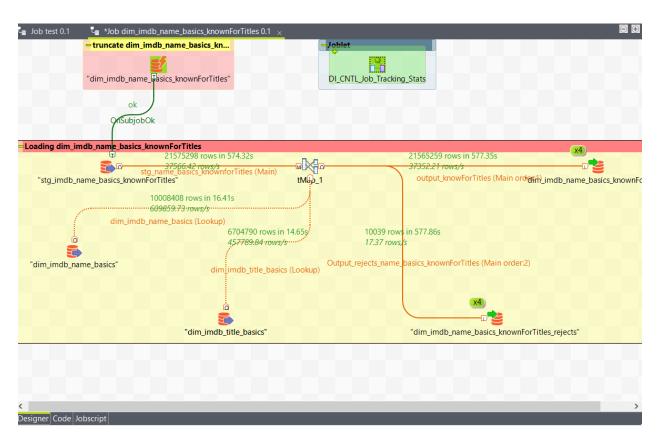


Table: dim\_imdb\_name\_basics\_knownForTitles



#### Table: dim\_imdb\_title\_principals

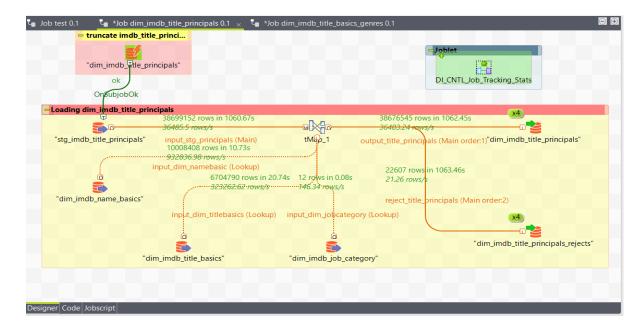
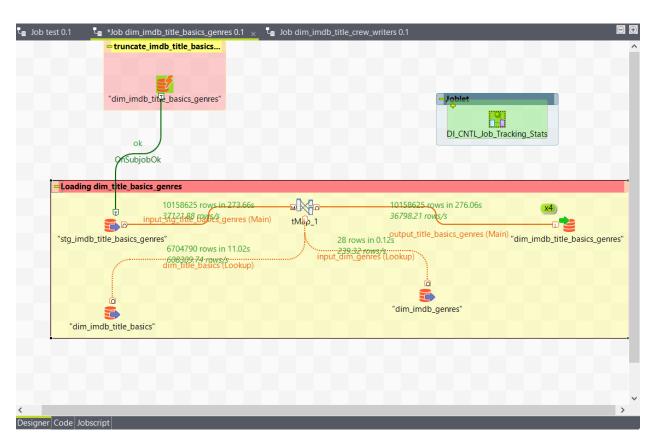
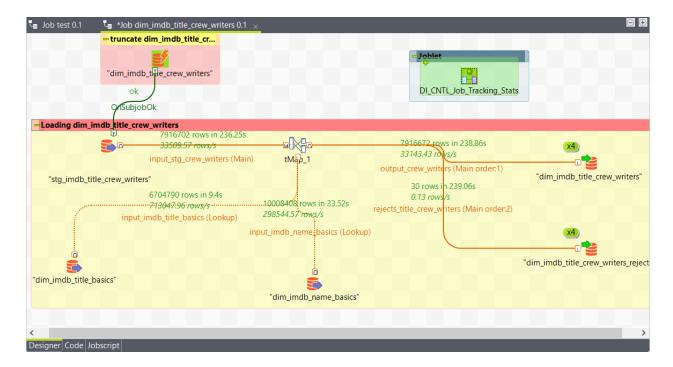


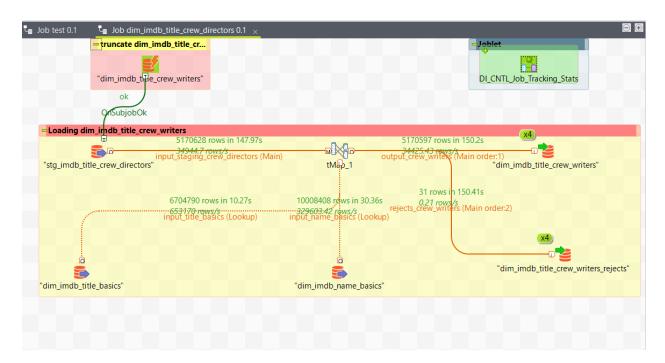
Table: dim\_imdb\_title\_basics\_genres



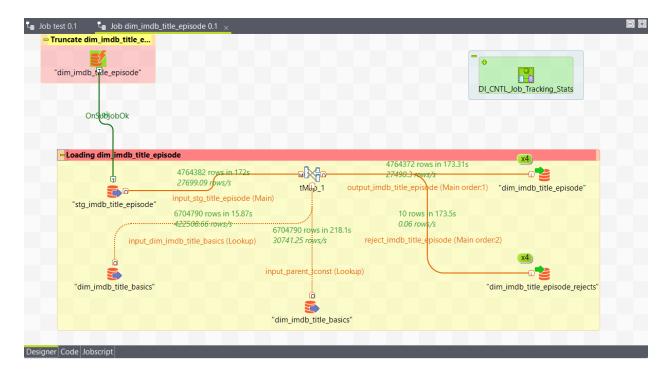
#### Table: dim\_imdb\_title\_crew\_writers



#### Table: dim\_imdb\_title\_crew\_writers



## Table: dim\_imdb\_title\_episode



# Fct\_ml\_genome\_tags

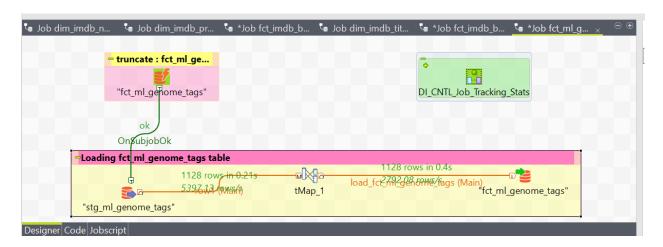


Table: fct\_ml\_genome\_scores & fct\_ml\_genome\_scores\_rejects

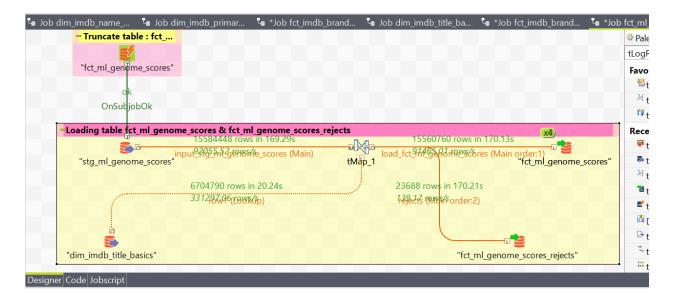
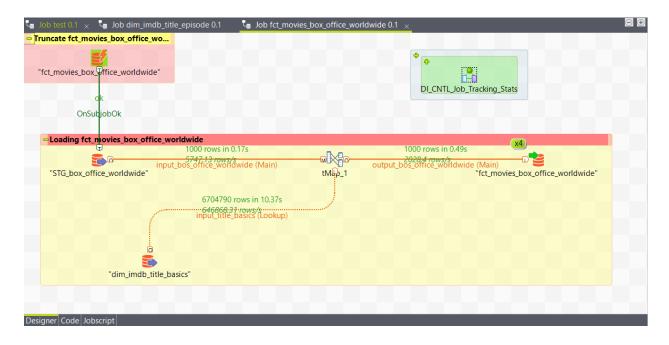
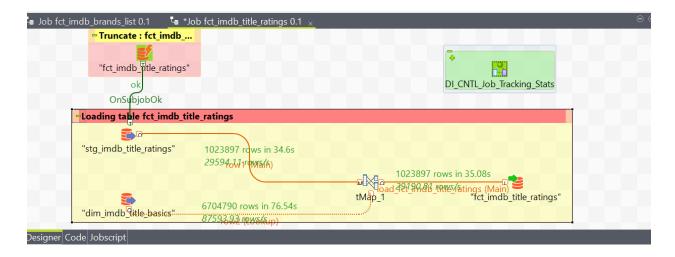


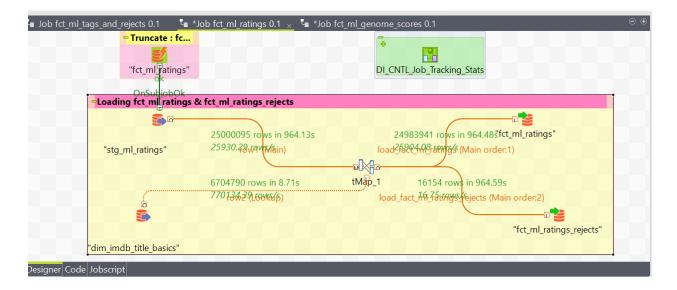
Table: fct\_movies\_box\_office\_worldwide



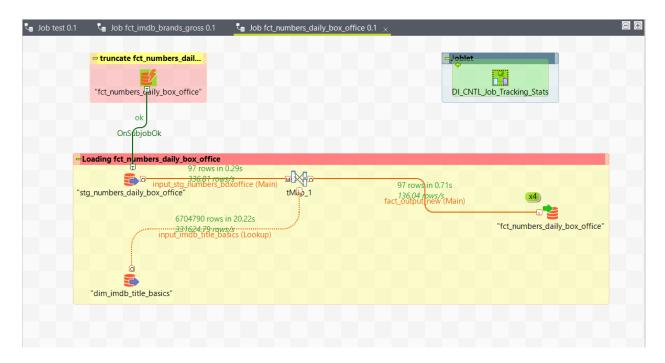
#### Fct\_imdb\_title\_ratings



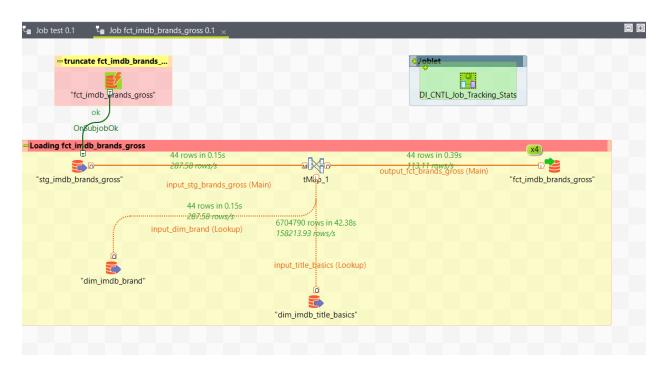
#### Fct\_ml\_ratings & rejects



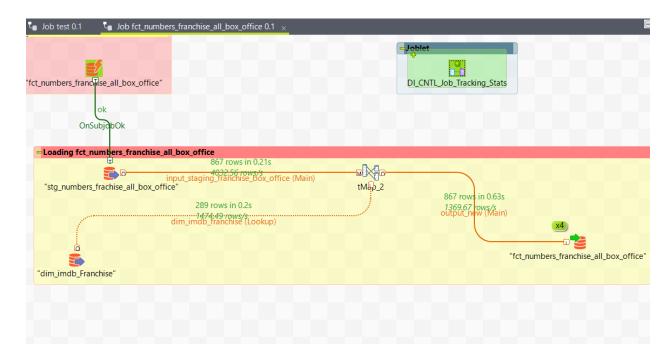
## Table: fact\_numbers\_daily\_box\_office



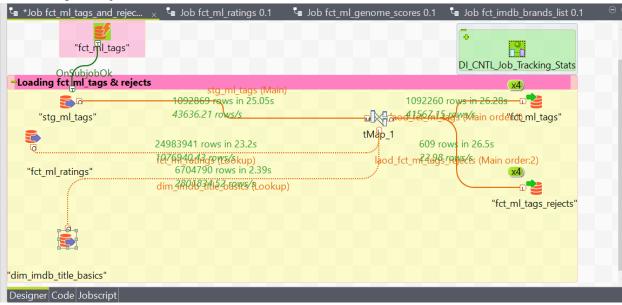
# Table: fact\_imdb\_brands\_gross



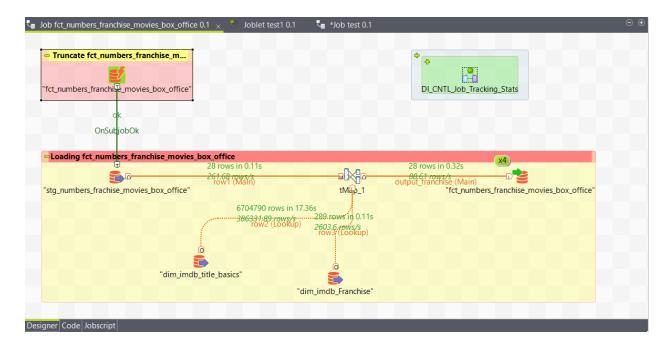
#### Table: fct\_numbers\_franchise\_all\_box\_office



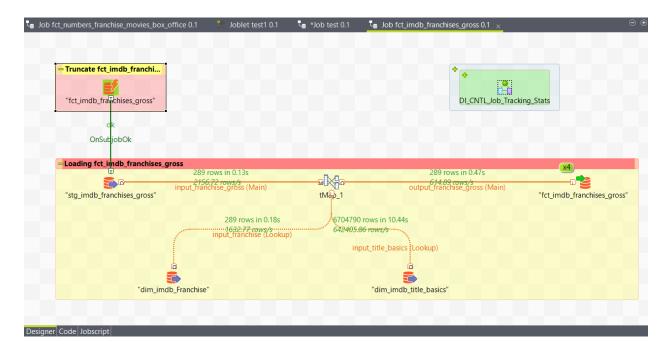
# Fct\_ml\_tags & rejects



## Table: fct\_numbers\_franchise\_movies\_box\_office



#### Table: fct\_imdb\_franchises\_gross



## Table fct\_imdb\_franchises\_list

