

NORTHEASTERN UNIVERSITY

INFORMATION SYSTEMS FALL '23



IMDB Database Project

DESIGNING ADVANCED DATA ARCHITECTURES FOR
BUSINESS INTELLIGENCE

Guided By:

Prof. Naveen Kuragayala

Group 13:

Shreyasi Wakankar - 002771284

Muskan Srivastava - 002794929

Pramita Sandhyan - 002766881

Rhea Bajpai - 002702927

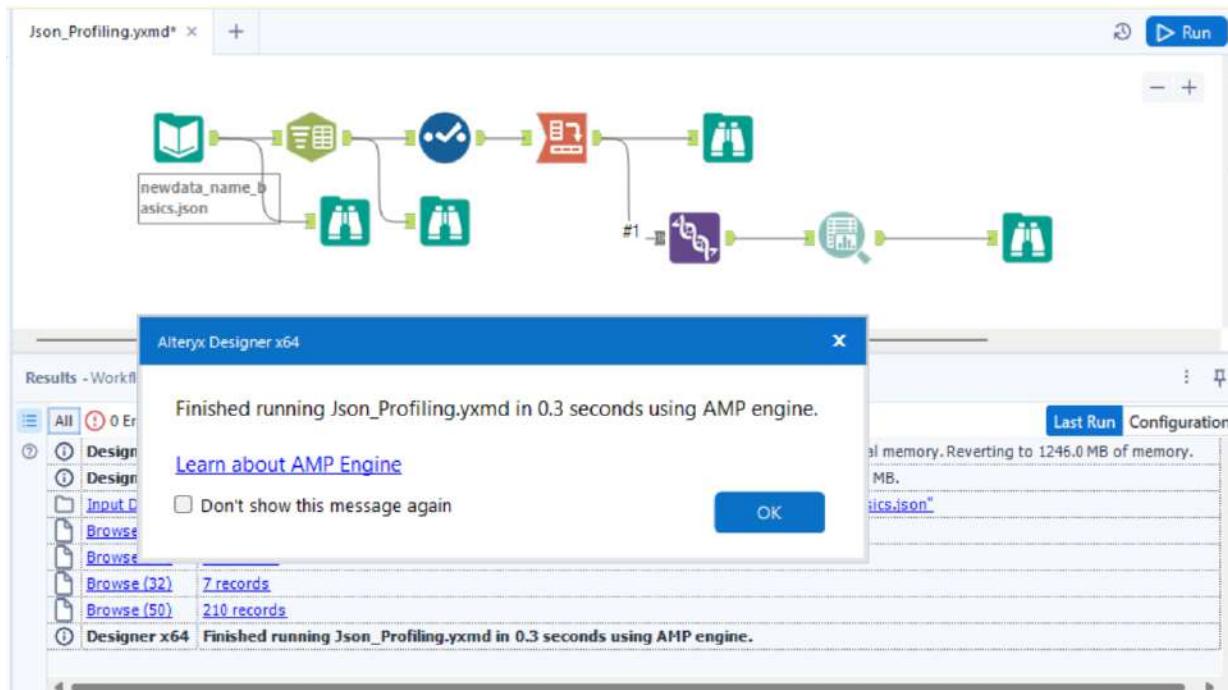
List of Tables:

Table No.	Table Name	Table Type	Count
Source: MySQL Script			

1	stg_imdb_name_basics	Staging Table	14,54,602
2	stg_imdb_title_basics	Staging Table	6,07,423
3	stg_imdb_title_akas	Staging Table	26,12,798
4	stg_imdb_title_crew	Staging Table	6,07,423
5	stg_imdb_title_principal	Staging Table	42,83,620
6	stg_imdb_title_rating	Staging Table	2,77,171
Source: tsv File			
1	stg_movie	Staging Table	265
Source: JSON			
1	stg_newdata_name_baisc	Staging Table	7
2	stg_newdata_title_baisc	Staging Table	10
Dimensional Model Tables			
1	dim_person_profession	Dimension Table	2544773
2	dim_date	Dimension Table	10000
3	dim_person	Dimension Table	1454602
4	dim_person_knownfor	Dimension Table	3934774
5	dim_titleregion	Dimension Table	2612798
6	dim_crew	Dimension Table	4283620
7	dim_genre	Dimension Table	
8	im_movie_title_json_with_scd	Dimension Table	
9	dim_movie_title_scd	Dimension Table	10
10	dim_movie_title	Dimension Table	890688
11	fct_rating	Fact Table	277171
12	fct_IMDB	Fact Table	872504
13	fct_Movie_Earnings	Fact Table	265

Data Profiling in Alteryx:

1. newdata_name_basics.json



Observations:

3 of 3 Fields 210 records displayed, 3,192 bytes X V Search

Record	FieldName	Name	Value
20	1	Uniques	7
21	1	Unique Values	0
22	nconst	Name	nconst
23	nconst	Data Type	V_WString
24	nconst	Size	2048
25	nconst	Source	CrossTab:Header:Column_Name:nconst:Concat
26	nconst	Description	[Null]
27	nconst	OKs	7
28	nconst	Nulls	0
29	nconst	Non-Nulls	7
30	nconst	Blanks	0
31	nconst	Values with Leading Whitespace	0
32	nconst	Values with Trailing Whitespace	0
33	nconst	Values with Both Whitespace	0
34	nconst	Average Length	9.0
35	nconst	Longest Length	9

Profile

← FieldName

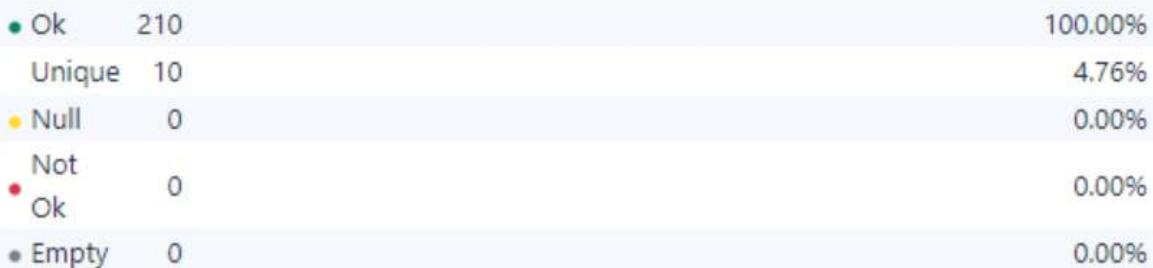
Distinct Values

1	21	
DI_CreateDatetime	21	
DI_JobId	21	
DI_JobName	21	
birthYear	21	
deathYear	21	
knownForTitles	21	
nconst	21	
primaryName	21	
primaryProfession	21	

🔍 FieldName ✖

Summary

Type	Records	Data Type Size
V_WString	210	1,073,741,823



Length Statistics

Min	1
Max	17
Average	10.20
Shortest Value	1
Longest Value	primaryProfession
First Alphanumeric Value	1
Last Alphanumeric Value	primaryProfession
Blanks	0
Values with Leading Whitespace	0
Values with Trailing Whitespace	0

Frequent Values

Value by count

10 out of 10 values



Profile

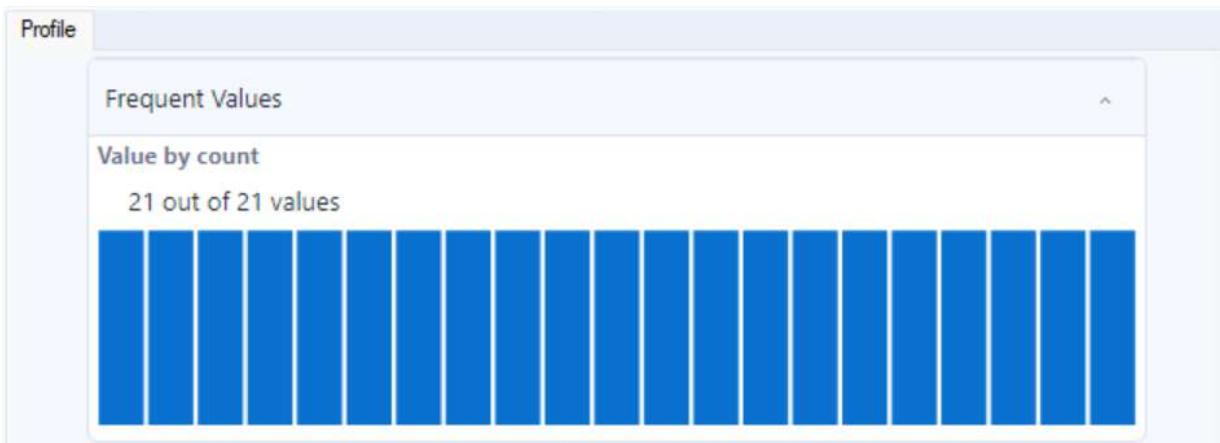
Name

Summary

Type	Records	Data Type Size
V_WString	210	1,073,741,823

● Ok	210	100.00%
Unique	21	10.00%
● Null	0	0.00%
Not Ok	0	0.00%
● Empty	0	0.00%

Length Statistics	
Min	3
Max	31
Average	12.40
Shortest Value	OKs
Longest Value	Values with Trailing Whitespace
First Alphanumeric Value	Average Length
Last Alphanumeric Value	Values with Trailing Whitespace
Blanks	0
Values with Leading Whitespace	0
Values with Trailing Whitespace	0



Profile

Value x

Summary

Type	Records	Data Type Size
V_WString	210	1,073,741,823

Ok	188	89.52%
Unique	75	35.71%
Null	12	5.71%
Not Ok	10	4.76%
Empty	0	0.00%

Length Statistics	
Min	1
Max	280
Average	10.90
Shortest Value	1
Longest Value	tt0371746,tt4154796,tt1300854,tt0988045 tt0848228,tt080...
First Alphanumeric Value	2023-11-19 15:20:37
Last Alphanumeric Value	tt2395427,tt0458339,tt3498820,tt0848228
Blanks	0
Values with Leading Whitespace	3
Values with Trailing Whitespace	10



2. Newdata_title_basics.json:

newdata_name_basics_profiling.yxmd x + ⏪ Run

Alteryx Designer x64

Finished running newdata_name_basics_profiling.yxmd in 0.5 seconds using AMP engine.

[Learn about AMP Engine](#)

Don't show this message again

OK

Results - Workflow - Messages

All 0 Errors 0 Conv Errors 0 Warnings 3 Info 5 Files Last Run Configuration

- ② Browse (42) 45 records
- ② Browse (32) 7 records
- ② Browse (50) 210 records
- ① Designer x64 Finished running newdata_name_basics_profiling.yxmd in 0.5 seconds using AMP engine.

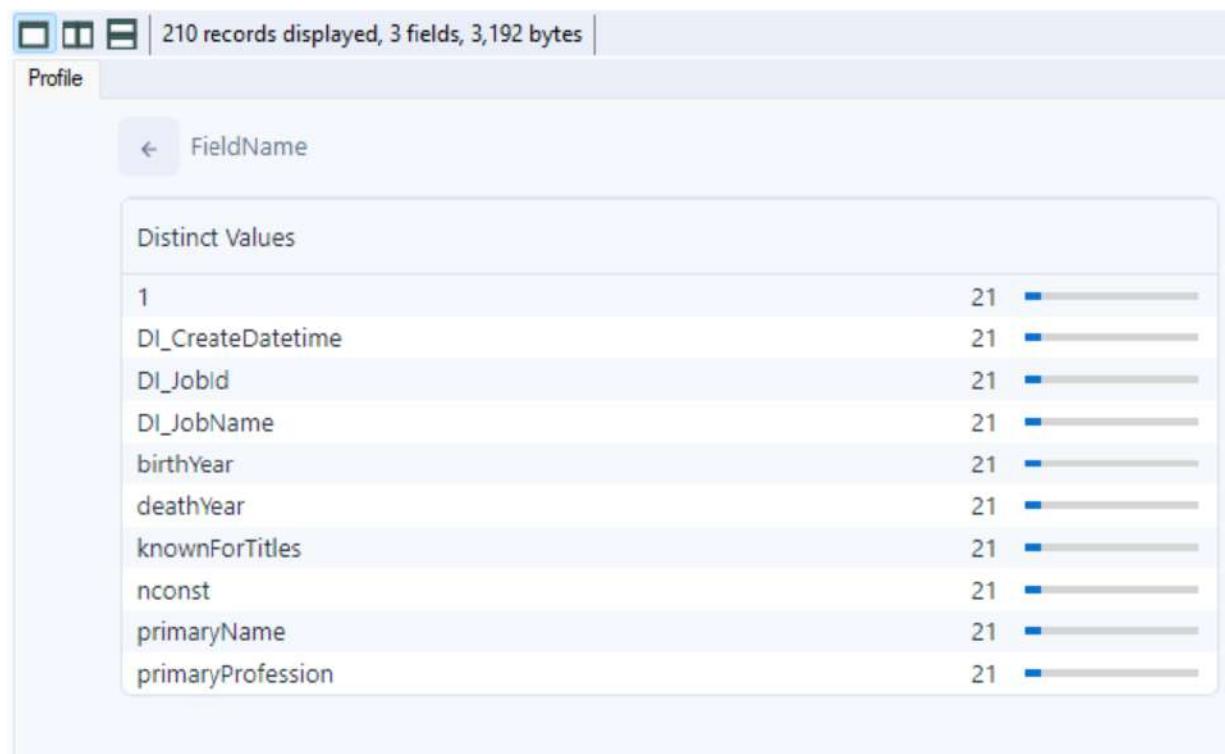
newdata_name_basics_profiling.yxmd × + Run

Results - Browse (50) - Input

3 of 3 Fields 210 records displayed, 3,192 bytes

X ✓ Search Metadata Actions 000

Record	FieldName	Name	Value
22	nconst	Name	nconst
23	nconst	Data Type	V_WString
24	nconst	Size	2048
25	nconst	Source	CrossTab:Header:Column_Name:nconst:Concat
26	nconst	Description	[Null]
27	nconst	OKs	7
28	nconst	Nulls	0
29	nconst	Non-Nulls	7
30	nconst	Blanks	0
31	nconst	Values with Leading Whitespace	0
32	nconst	Values with Trailing Whitespace	0
33	nconst	Values with Both Whitespace	0
34	nconst	Average Length	9.0
35	nconst	Longest Length	9
36	nconst	Longest Value	nm0749263



FieldName >

Summary

Type	Records	Data Type Size
V_WString	210	1,073,741,823

• Ok	210	100.00%
Unique	10	4.76%
• Null	0	0.00%
Not Ok	0	0.00%
• Empty	0	0.00%

Length Statistics

Min	1
Max	17
Average	10.20
Shortest Value	1
Longest Value	primaryProfession
First Alphanumeric Value	1
Last Alphanumeric Value	primaryProfession
Blanks	0
Values with Leading Whitespace	0
Values with Trailing Whitespace	0

Frequent Values

Value by count

10 out of 10 values



Profile	
Distinct Values	
Average Length	10
Blanks	10
Data Type	10
Description	10
Longest Length	10
Longest Value	10
Maximum	10
Minimum	10
Name	10
Non-Nulls	10
Nulls	10
OKs	10
Shortest (Non Blank) Length	10
Shortest Value	10
Size	10
Source	10

Summary		
Type	Records	Data Type Size
V_WString	210	1,073,741,823
● Ok	210	100.00%
Unique	21	10.00%
● Null	0	0.00%
Not Ok	0	0.00%
● Empty	0	0.00%

Length Statistics	
Min	3
Max	31
Average	12.40
Shortest Value	OKs
Longest Value	Values with Trailing Whitespace
First Alphanumeric Value	Average Length
Last Alphanumeric Value	Values with Trailing Whitespace
Blanks	0
Values with Leading Whitespace	0
Values with Trailing Whitespace	0

Profile

Value

Summary

Type	Records	Data Type	Size
V_WString	210	1,073,741,823	

Ok	188	89.52%
Unique	75	35.71%
Null	12	5.71%
Not Ok	10	4.76%
Empty	0	0.00%

Length Statistics

Min	1
Max	280
Average	10.90
Shortest Value	1
Longest Value	tt0371746,tt4154796,tt1300854,tt0988045 tt0848228,tt0800369,...
First Alphanumeric Value	2023-11-19 15:20:37
Last Alphanumeric Value	tt2395427,tt0458339,tt3498820,tt0848228
Blanks	0
Values with Leading Whitespace	3
Values with Trailing Whitespace	10

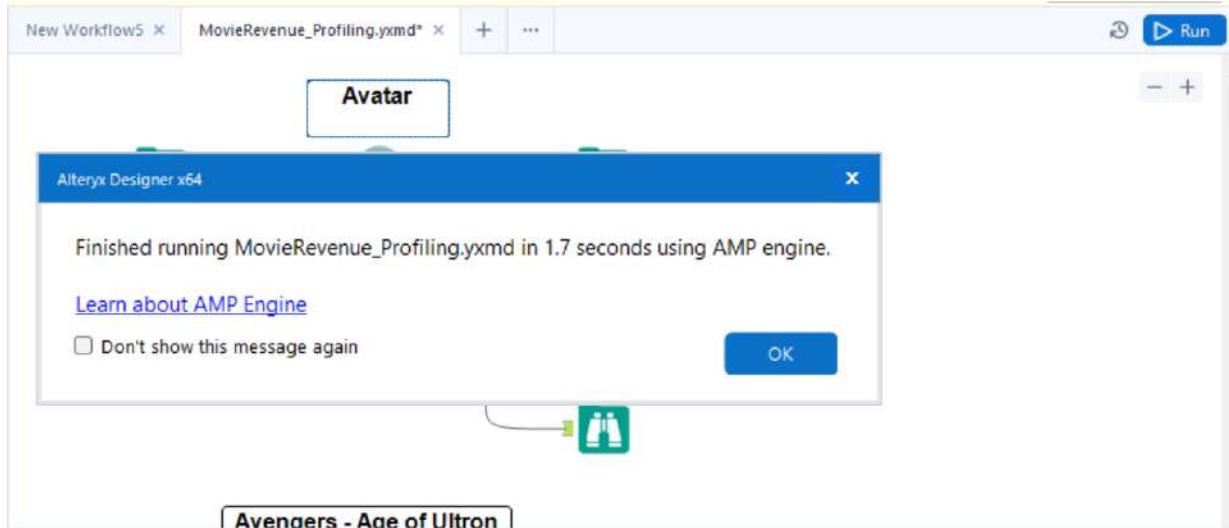
Frequent Values

Value by count

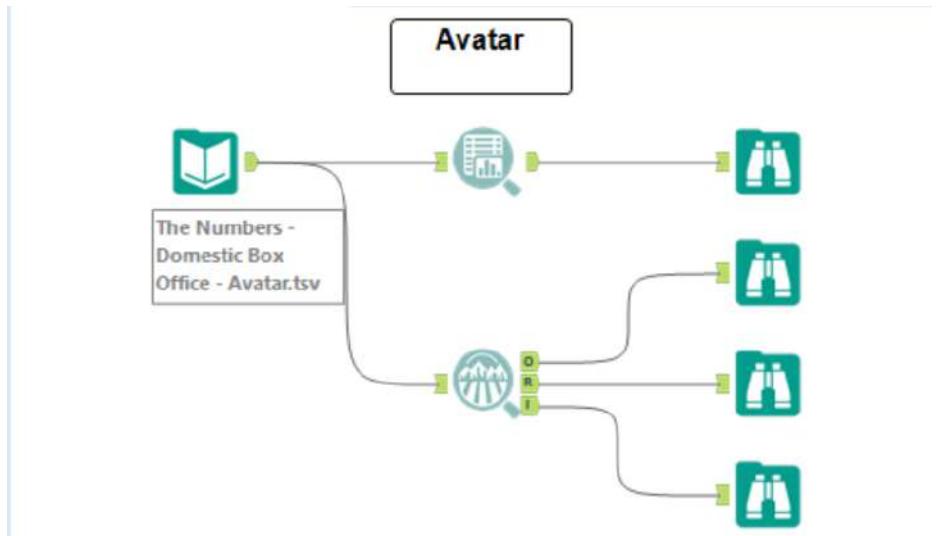
50 out of 75 values



3. Movie Revenue Profiling:



3.1 Avatar



Results - Browse (3) - Input

3 of 3 Fields 231 records displayed, 4,789 bytes X ✓

Record	FieldName	Name	Value	⋮
1	tconst	Name	tconst	
2	tconst	Data Type	V_String	
3	tconst	Size	254	
4	tconst	Source	File: D:\dadabi\Final Project\IMDB\IMDB\TheNu...	
5	tconst	Description	[Null]	
6	tconst	OKs	318	
7	tconst	Nulls	0	
8	tconst	Non-Nulls	318	
9	tconst	Blanks	0	
10	tconst	Values with Leading Whitespace	0	
11	tconst	Values with Trailing Whitespace	0	
12	tconst	Values with Both Whitespace	0	
13	tconst	Average Length	9.0	
14	tconst	Longest Length	9	
15	tconst	Longest Value	tt0499549	
16	tconst	Shortest (Non Blank) Length	0	

Profile

.FieldName

Summary

Type	Records	Data Type Size
V_WString	231	1,073,741,823

● Ok	231	100.00%
Unique	11	4.76%
■ Null	0	0.00%
● Not Ok	0	0.00%
● Empty	0	0.00%

Profile

Name

Summary

Type	Records	Data Type Size
V_WString	231	1,073,741,823

● Ok	231	100.00%
Unique	21	9.09%
■ Null	0	0.00%
Not	0	0.00%
● Ok	0	0.00%
● Empty	0	0.00%

Profile

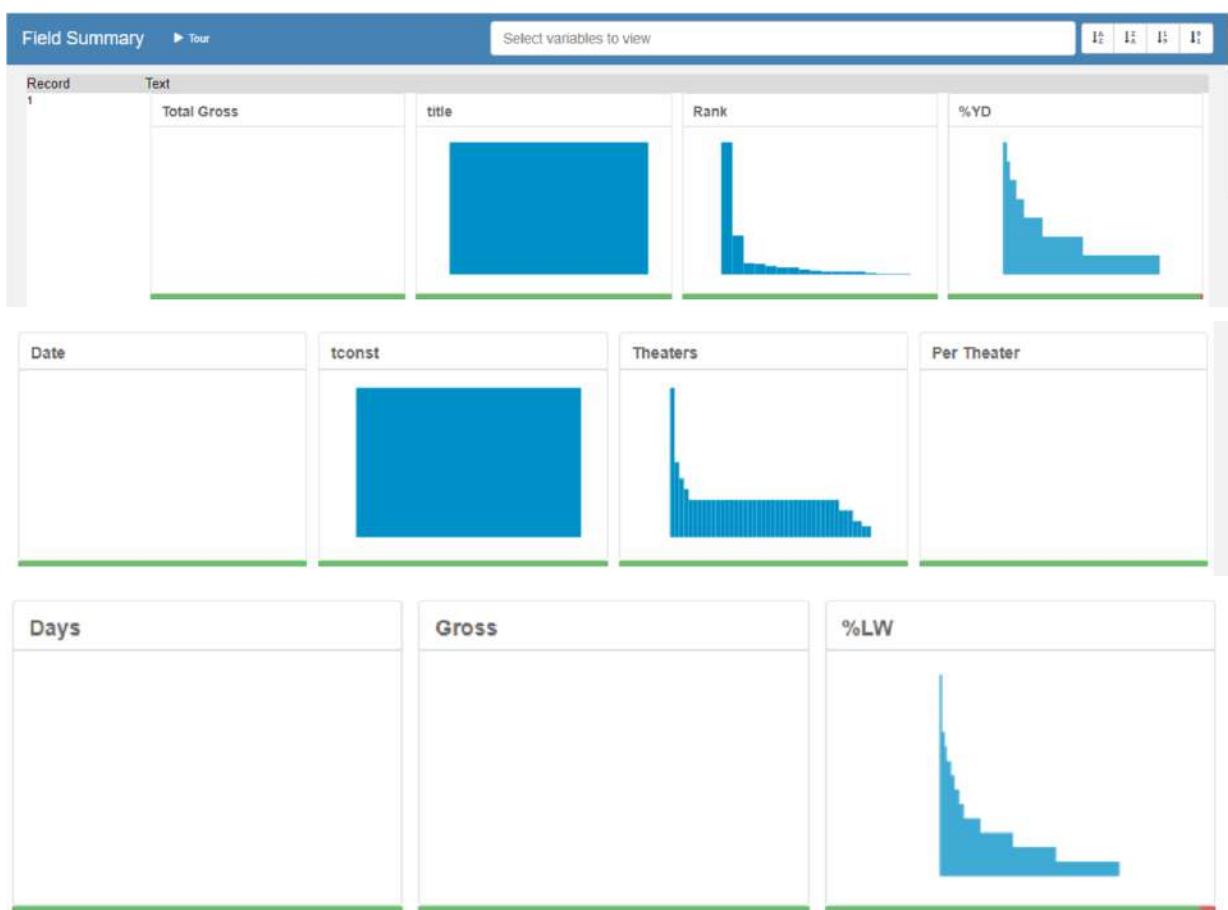
Value

Summary

Type	Records	Data Type Size
V_WString	231	1,073,741,823

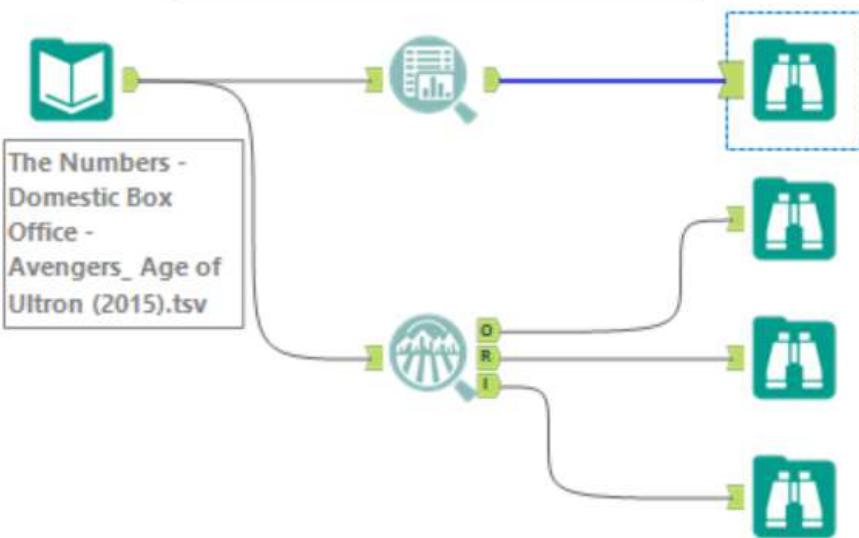
● Ok	209	90.48%
Unique	81	35.06%
■ Null	15	6.49%
Not	7	3.03%
● Ok	0	0.00%
● Empty	0	0.00%

String/Character Fields								
Name	% Missing	Unique Values	Shortest Value	Longest Value	Min Value Count	Max Value Count	Remarks	
Total Gross	0.0%	318	\$26,752,099	\$109,497,762	1	1	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	
Rank	0.0%	17	1	10	1	176	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	
%YO	0.6%	155	2	-34%	1	7	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	
Date	0.0%	318	Jan 1, 2010	Dec 18, 2009	1	1	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	
Theaters	0.0%	44	9	3,452	2	28	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	
Per Theater	0.0%	293	\$60	\$7,750	1	3	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	
Days	0.0%	318	1	100	1	1	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	
Gross	0.0%	317	\$571	\$26,752,099	1	2	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	
%LW	4.4%	116	-2%	-14%	1	14	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	
title	0.0%	1	Avatar	Avatar	318	318		
tconst	0.0%	1	tt0499549	tt0499549	318	318		



3.2 Avengers - Age of Ultron

Avengers - Age of Ultron



Record	FieldName	Name	Value
1	tconst	Name	tconst
2	tconst	Data Type	V_String
3	tconst	Size	254
4	tconst	Source	File: D:\dadabi\Final Project\IMDB\IMDB\TheNu...
5	tconst	Description	[Null]
6	tconst	OKs	79
7	tconst	Nulls	0
8	tconst	Non-Nulls	79
9	tconst	Blanks	0
10	tconst	Values with Leading Whitespace	0
11	tconst	Values with Trailing Whitespace	0
12	tconst	Values with Both Whitespace	0
13	tconst	Average Length	9.0
14	tconst	Longest Length	9
15	tconst	Longest Value	tt2395427

Profile x

Summary

Type	Records	Data Type Size
V_WString	231	1,073,741,823

● Ok	231	100.00%
Unique	11	4.76%
● Null	0	0.00%
Not	0	0.00%
● Ok	0	0.00%
● Empty	0	0.00%

Profile x

Summary

Type	Records	Data Type Size
V_WString	231	1,073,741,823

● Ok	231	100.00%
Unique	21	9.09%
● Null	0	0.00%
Not	0	0.00%
● Ok	0	0.00%
● Empty	0	0.00%

Profile

Value

Summary

Type Records Data Type Size
V_WString 231 1,073,741,823

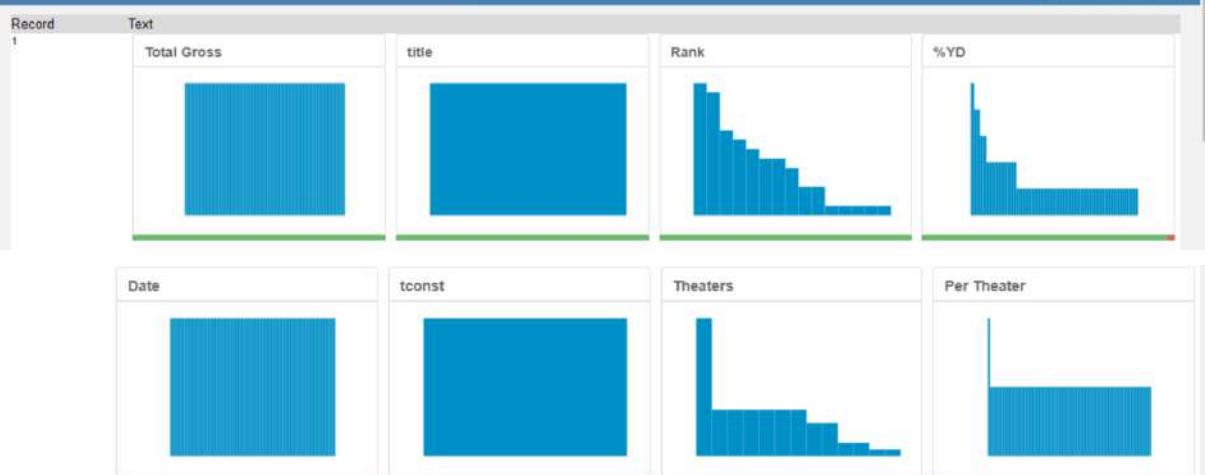
● Ok	209	90.48%
Unique	80	34.63%
● Null	11	4.76%
Not Ok	11	4.76%
● Empty	0	0.00%

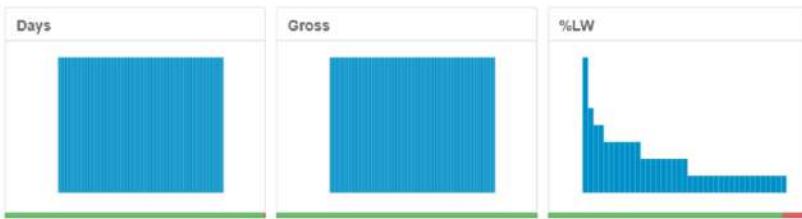
String/Character Fields							
Name	% Missing	Unique Values	Shortest Value	Longest Value	Min Value Count	Max Value Count	Remarks
Total Gross	0.0%	79	\$27,600,000	\$140,951,167	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Rank	0.0%	15	P	10	1	1	14 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%YD	2.5%	55	-1%	-33%	1	1	5 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Date	0.0%	79	May 1, 2015	Apr 30, 2015	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Theaters	0.0%	13	0	4,276	1	1	21 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Per Theater	1.3%	78	\$944	\$19,744	1	1	2 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Days	1.3%	79	1	10	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Gross	0.0%	79	\$69,841	\$27,600,000	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%LW	10.1%	39	-1%	-75%	1	1	8 This field has over 10% missing values. Consider imputing these values. Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
title	0.0%	1	Avengers: Age of Ultron	Avengers: Age of Ultron	79	79	
tconst	0.0%	1	tt2395427	tt2395427	79	79	

Field Summary

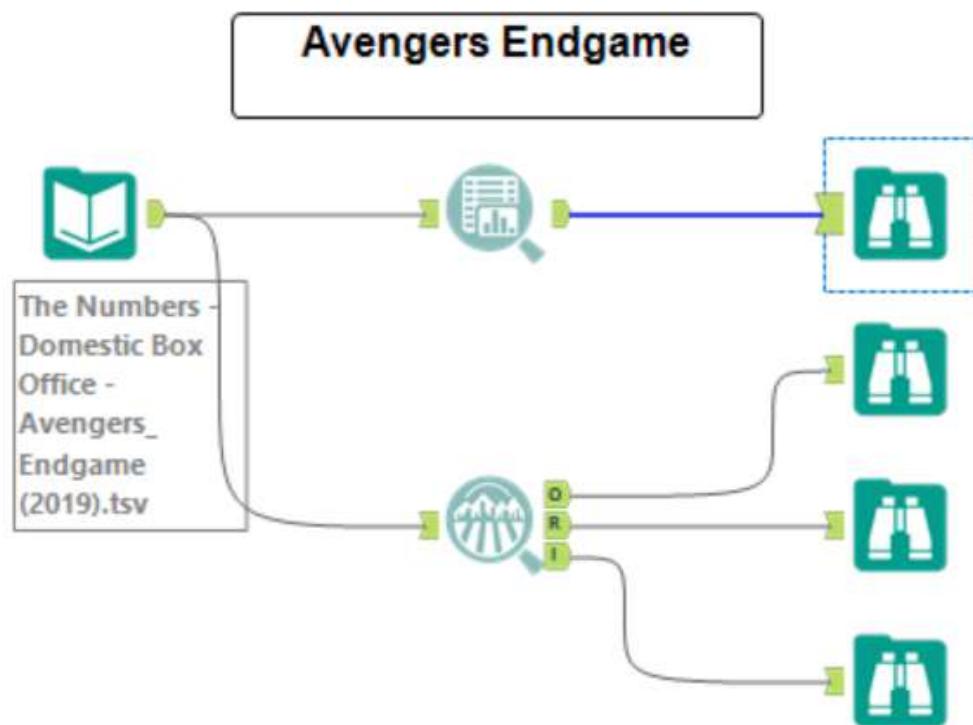
Select variables to view

1 1 1 1 1





3.3 Avengers Endgame



3 of 3 Fields			
Record	FieldName	Name	Value
1	tconst	Name	tconst
2	tconst	Data Type	V_String
3	tconst	Size	254
4	tconst	Source	File: D:\dadabi\Final Project\IMDB\IMDB\TheNu...
5	tconst	Description	[Null]
6	tconst	OKs	141
7	tconst	Nulls	0
8	tconst	Non-Nulls	141
9	tconst	Blanks	0
10	tconst	Values with Leading Whitespace	0
11	tconst	Values with Trailing Whitespace	0
12	tconst	Values with Both Whitespace	0
13	tconst	Average Length	9.0
14	tconst	Longest Length	9
15	tconst	Longest Value	tt4154796
16	tconst	Shortest (Non Blank) Length	9

Profile

.FieldName x

Summary ^

Type	Records	Data Type	Size
V_WString	231	1,073,741,823	

● Ok	231	100.00%
Unique	11	4.76%
■ Null	0	0.00%
Not		
● Ok	0	0.00%
● Empty	0	0.00%

Profile

Name x

Summary ^

Type	Records	Data Type	Size
V_WString	231	1,073,741,823	

● Ok	231	100.00%
Unique	21	9.09%
■ Null	0	0.00%
Not		
● Ok	0	0.00%
● Empty	0	0.00%

Profile

Value

Summary

Type	Records	Data Type	Size
V_WString	231		1,073,741,823

● Ok	209	90.48%
Unique	81	35.06%
■ Null	14	6.06%
Not Ok	8	3.46%
● Empty	0	0.00%

Report Profile

1 of 1 Fields ▾

Records 1 to 1

1

String/Character Fields

Name	% Missing	Unique Values	Shortest Value	Longest Value	Min Value Count	Max Value Count	Remarks
Total Gross	0.0%	141	\$60,000,000	\$157,461,641	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Rank	0.0%	14	P	12	1	35	35 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%YD	1.4%	93	0.7	-31%	1	1	6 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Date	0.0%	141	May 1, 2019	Apr 25, 2019	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Theaters	0.0%	18	0	4,662	1	1	21 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Per Theater	0.7%	131	\$91	\$33,776	1	1	3 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Days	0.0%	141	0	100	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Gross	0.0%	141	\$940	\$157,461,641	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%LW	5.7%	62	-5%	-74%	1	1	8 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
title	0.0%	1	Avengers: Endgame	Avengers: Endgame	141	141	
tconst	0.0%	1	tt4154796	tt4154796	141	141	

Field Summary

► Tour

Select variables to view

I¹ I² I³ I⁴

Record Text

1

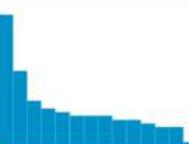
Total Gross



title



Rank



%YD



Date



tconst



Theaters

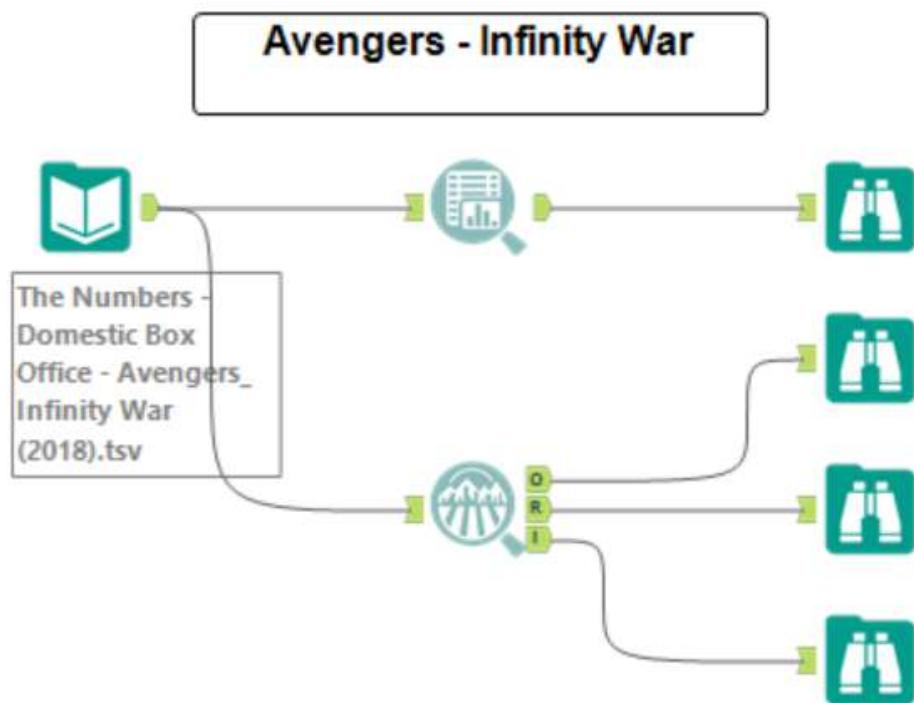


Per Theater





3.4 Avengers - Infinity War



3 of 3 Fields Cell Viewer 231 records displayed, 4,360 bytes Search Data

Record	FieldName	Name	Value
1	tconst	Name	tconst
2	tconst	Data Type	V_String
3	tconst	Size	254
4	tconst	Source	File: D:\dadabi\Final Project\MDB\MDB\TheNu...
5	tconst	Description	[Null]
6	tconst	OKs	141
7	tconst	Nulls	0
8	tconst	Non-Nulls	141
9	tconst	Blanks	0
10	tconst	Values with Leading Whitespace	0
11	tconst	Values with Trailing Whitespace	0
12	tconst	Values with Both Whitespace	0
13	tconst	Average Length	9.0
14	tconst	Longest Length	9
15	tconst	Longest Value	tt4154756
16	tconst	Shortest (Non Blank) Length	9

Profile

.FieldName

Summary

Type	Records	Data Type Size
V_WString	231	1,073,741,823

● Ok	231	100.00%
Unique	11	4.76%
● Null	0	0.00%
Not	0	0.00%
● Ok	0	0.00%
● Empty	0	0.00%

Profile

Name

Summary

Type	Records	Data Type Size
V_WString	231	1,073,741,823

● Ok	231	100.00%
Unique	21	9.09%
● Null	0	0.00%
Not	0	0.00%
● Ok	0	0.00%
● Empty	0	0.00%

Profile

Value

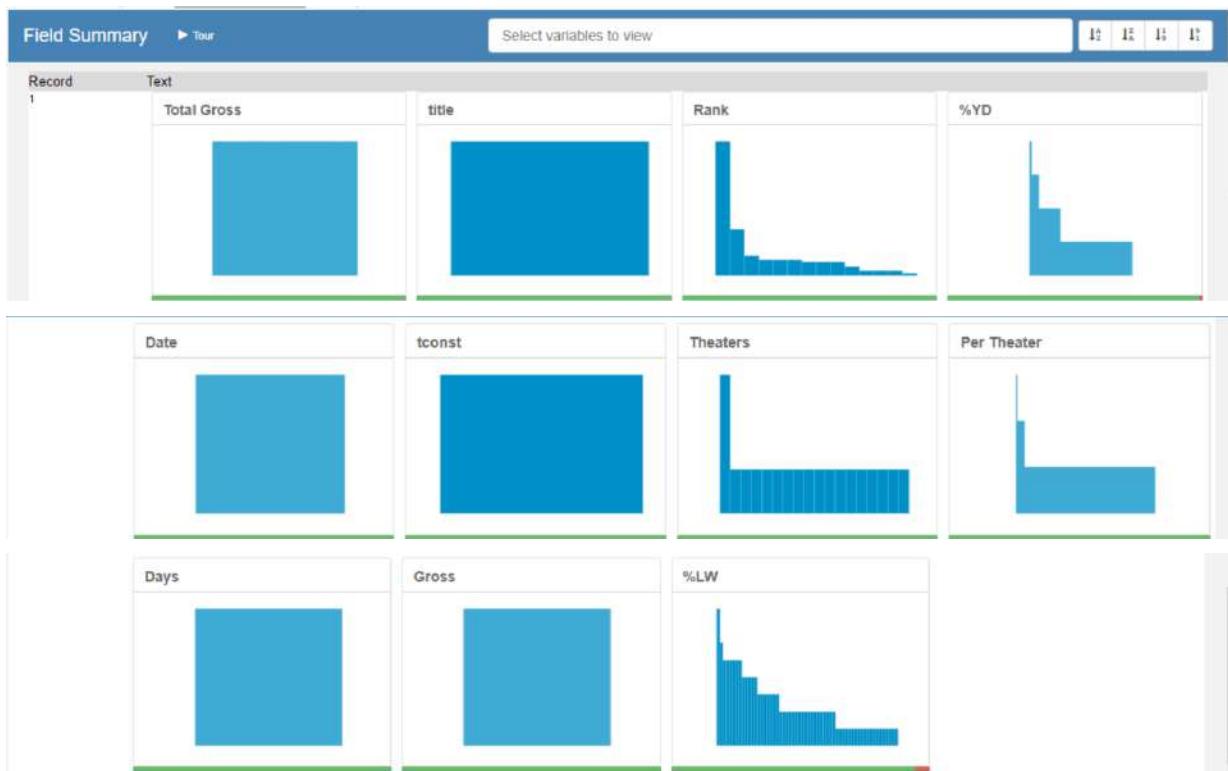
Summary

Type	Records	Data Type	Size
V_WString	231		1,073,741,823

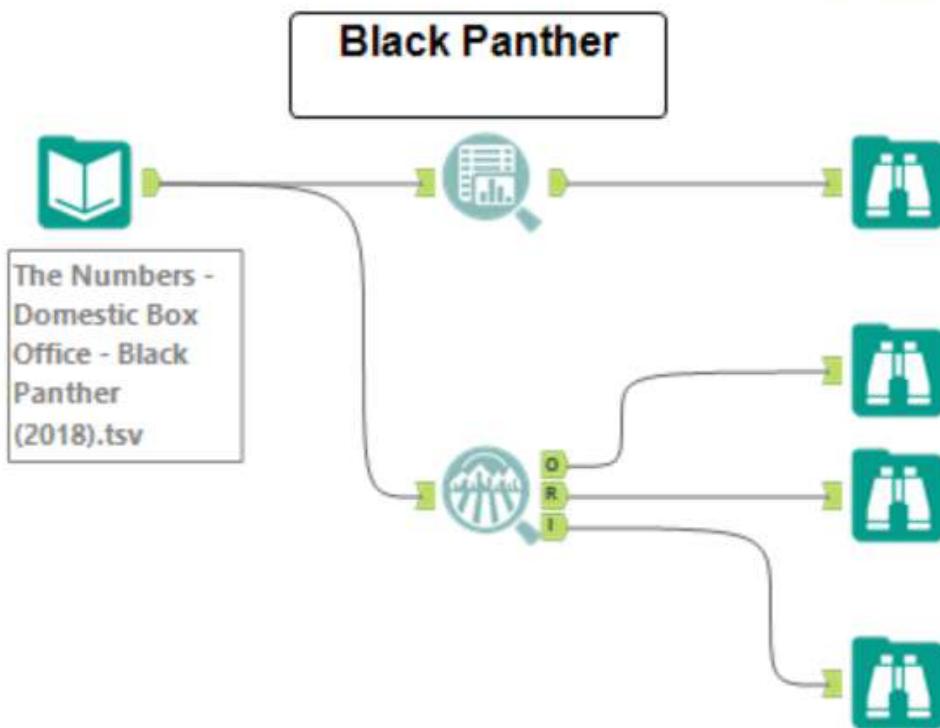
Category	Count	Percentage
Ok	209	90.48%
Unique	81	35.06%
Null	14	6.06%
Not Ok	8	3.46%
Empty	0	0.00%

Report Profile | 1 of 1 Fields | Records 1 to 1 | String/Character Fields

Name	% Missing	Unique Values	Shortest Value	Longest Value	Min Value Count	Max Value Count	Remarks
Total Gross	0.0%	141	\$39,000,000	\$106,334,939	1	61	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Rank	0.0%	14	P	12	1	61	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%YD	1.4%	100	1	-23%	1	4	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Date	0.0%	141	May 1, 2018	Apr 26, 2018	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together;
Theaters	0.0%	18	92	4,474	7	22	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together;
Per Theater	0.0%	132	\$68	\$23,767	1	3	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together;
Days	0.0%	141	0	100	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Gross	0.0%	141	\$9,993	\$106,334,939	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together;
%LW	5.7%	58	-6%	-70%	1	8	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
title	0.0%	1	Avengers: Infinity War	Avengers: Infinity War	141	141	
tconst	0.0%	1	tt4154756	tt4154756	141	141	



3.5 Black Panther



3 of 3 Fields				X	✓	Search	Data
Record	FieldName	Name	Value				
1	tconst	Name	tconst				
2	tconst	Data Type	V_String				
3	tconst	Size	254				
4	tconst	Source	File: D:\dadabi\Final Project\IMDB\IMDB\TheNu...				
5	tconst	Description	[Null]				
6	tconst	OKs	176				
7	tconst	Nulls	0				
8	tconst	Non-Nulls	176				
9	tconst	Blanks	0				
10	tconst	Values with Leading Whitespace	0				
11	tconst	Values with Trailing Whitespace	0				
12	tconst	Values with Both Whitespace	0				
13	tconst	Average Length	9.0				
14	tconst	Longest Length	9				
15	tconst	Longest Value	tt1825683				
16	tconst	Shortest (Non Blank) Length	9				

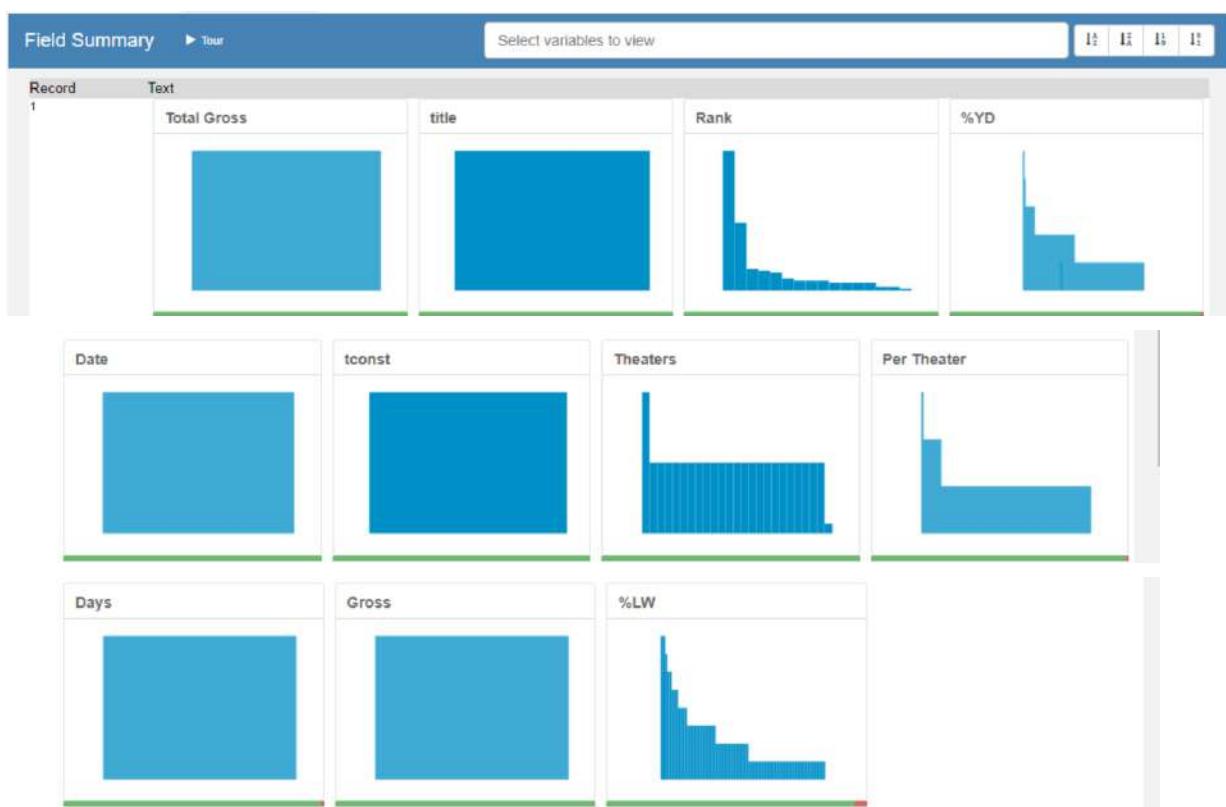
Summary			
Type	Records	Data Type Size	
V_WString	231	1,073,741,823	
● Ok	231		100.00%
Unique	11		4.76%
■ Null	0		0.00%
● Not	0		0.00%
● Ok	0		0.00%
● Empty	0		0.00%

Summary			
Type	Records	Data Type Size	
V_WString	231	1,073,741,823	
● Ok	231		100.00%
Unique	21		9.09%
■ Null	0		0.00%
● Not	0		0.00%
● Ok	0		0.00%
● Empty	0		0.00%

Summary			
Type	Records	Data Type Size	
V_WString	231	1,073,741,823	
● Ok	207		89.61%
Unique	85		36.80%
■ Null	16		6.93%
● Not	8		3.46%
● Ok	0		0.00%
● Empty	0		0.00%

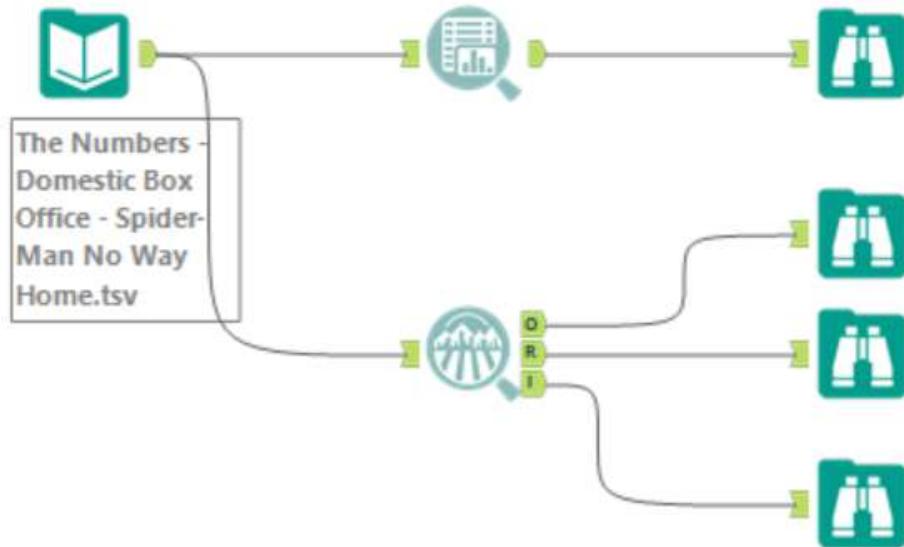
String/Character Fields							
Name	% Missing	Unique Values	Shortest Value	Longest Value	Min Value Count	Max Value Count	Remarks
Total Gross	0.0%	176	\$25,200,000	\$141,936,512	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Rank	0.0%	16	P	10	1	70	70 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%YD	1.1%	114	-13%	-13%	1	1	5 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Date	0.0%	176	Mar 1, 2018	Feb 15, 2018	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Theaters	0.0%	25	0	4,020	1	14	14 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Per Theater	0.6%	156	\$79	\$18,891	1	1	3 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Days	0.6%	176	1	100	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.

Gross	0.0%	176	\$780	\$25,200,000	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%LW	4.5%	76	-62%		1	8 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
title	0.0%	1	Black Panther	Black Panther	176	176
tconst	0.0%	1	tt1825683	tt1825683	176	176



3.6 Spider Man - No Way Home

Spider - Man No Way Home



3 of 3 Fields		Fields	231 records displayed, 4,233 bytes	X	✓	Search
Record	FieldName	Name	Value			
1	tcont	Name	tcont			
2	tcont	Data Type	V_String			
3	tcont	Size	254			
4	tcont	Source	File: D:\dadabi\Final Project\IMDB\IMDB\TheNu...			
5	tcont	Description	[Null]			
6	tcont	OKs	128			
7	tcont	Nulls	0			
8	tcont	Non-Nulls	128			
9	tcont	Blanks	0			
10	tcont	Values with Leading Whitespace	0			
11	tcont	Values with Trailing Whitespace	0			
12	tcont	Values with Both Whitespace	0			
13	tcont	Average Length	10.0			
14	tcont	Longest Length	10			
15	tcont	Longest Value	tt10872600			
16	tcont	Shortest (Non Blank) Length	10			

Profile

FieldName

Summary			
Type	Records	Data Type	Size
V_WString	231	1,073,741,823	
● Ok	231		100.00%
Unique	11		4.76%
■ Null	0		0.00%
Not	0		0.00%
● Ok	0		0.00%
● Empty	0		0.00%

Profile

Name

Summary			
Type	Records	Data Type	Size
V_WString	231	1,073,741,823	
● Ok	231		100.00%
Unique	21		9.09%
■ Null	0		0.00%
Not	0		0.00%
● Ok	0		0.00%
● Empty	0		0.00%

Profile

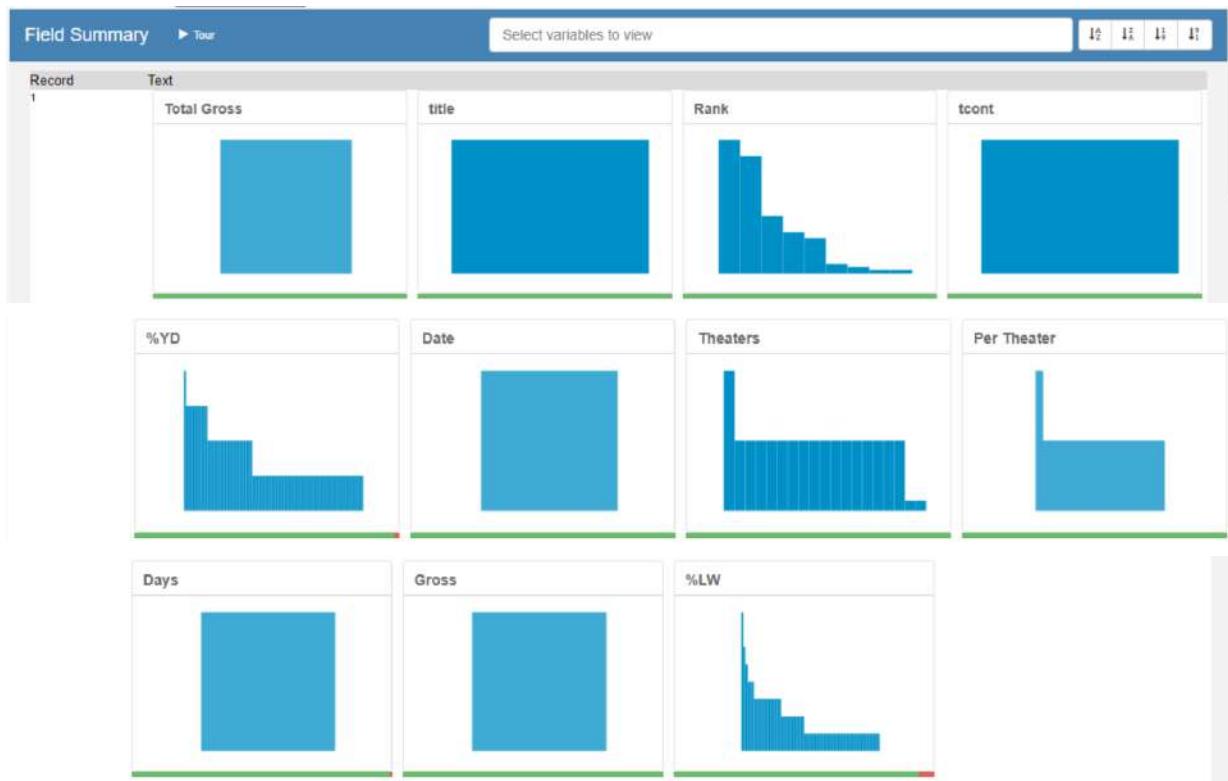
Value

Summary			
Type	Records	Data Type	Size
V_WString	231	1,073,741,823	
● Ok	209		90.48%
Unique	83		35.93%
■ Null	14		6.06%
Not	8		3.46%
● Ok	0		0.00%
● Empty	0		0.00%

Report Profile | 1 of 1 Fields | Records 1 to 1

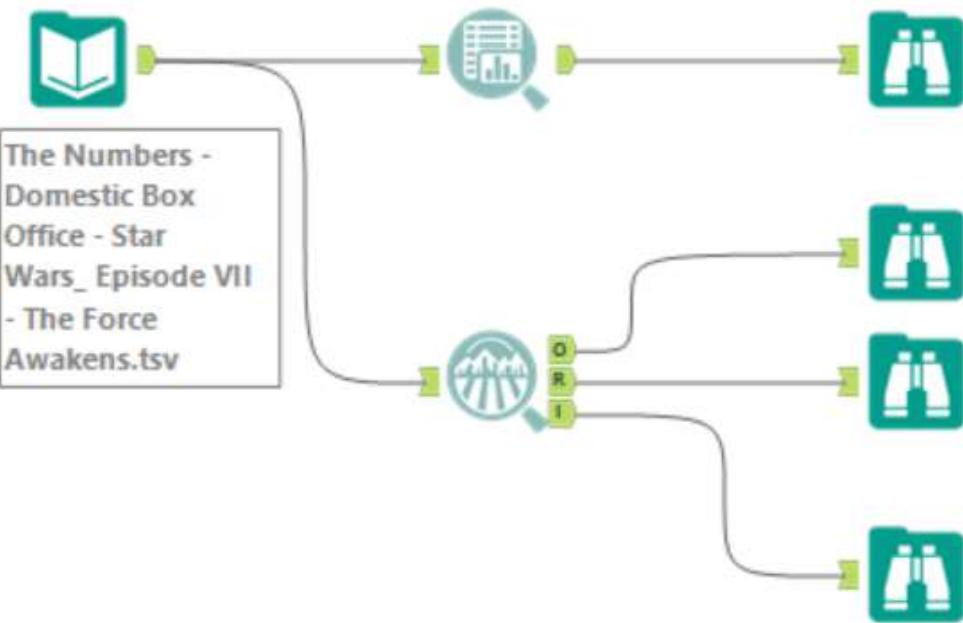
String/Character Fields

Name	% Missing	Unique Values	Shortest Value	Longest Value	Min Value Count	Max Value Count	Remarks
Total Gross	0.0%	128	\$50,000,000	\$121,964,712	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Rank	0.0%	9	P	P	1	1	42 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%YD	1.6%	84	1	-39%	1	1	4 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Date	0.0%	128	Jan 1, 2022	Dec 16, 2021	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Theaters	0.0%	19	387	3,767	1	1	14 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Per Theater	0.0%	121	\$95	\$13,273	1	1	2 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Days	0.8%	128	1	100	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Gross	0.0%	128	\$98,951	\$121,964,712	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%LW	6.2%	66	-6%	-84%	1	1	8 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
title	0.0%	1	Spider-Man: No Way Home	Spider-Man: No Way Home	128	128	
tcont	0.0%	1	tt10872600	tt10872600	128	128	



3.7 Star Wars Episode VII - The Force Awakens

Star Wars Episode VII - The Force Awakens



3 of 3 Fields 231 records displayed, 4,237 bytes X ✓ Search Data

Record	FieldName	Name	Value
1	tconst	Name	tconst
2	tconst	Data Type	V_String
3	tconst	Size	254
4	tconst	Source	File: D:\dadabi\Final Project\IMDB\IMDB\TheNu...
5	tconst	Description	[NULL]
6	tconst	OKs	120
7	tconst	Nulls	0
8	tconst	Non-Nulls	120
9	tconst	Blanks	0
10	tconst	Values with Leading Whitespace	0
11	tconst	Values with Trailing Whitespace	0
12	tconst	Values with Both Whitespace	0
13	tconst	Average Length	9.0
14	tconst	Longest Length	9
15	tconst	Longest Value	tt2488496
16	tconst	Shortest (Non Blank) Length	9

Profile

.FieldName x

Summary ^

Type	Records	Data Type Size
V_WString	231	1,073,741,823

● Ok	231	100.00%
Unique	11	4.76%
■ Null	0	0.00%
Not		
● Ok	0	0.00%
● Empty	0	0.00%

Profile

Name x

Summary ^

Type	Records	Data Type Size
V_WString	231	1,073,741,823

● Ok	231	100.00%
Unique	21	9.09%
■ Null	0	0.00%
Not		
● Ok	0	0.00%
● Empty	0	0.00%

Profile

Value

Summary

Type Records Data Type Size
V_WString 231 1,073,741,823

● Ok	209	90.48%
Unique	81	35.06%
■ Null	14	6.06%
Not Ok	8	3.46%
● Empty	0	0.00%

1 of 1 Fields ▾

String/Character Fields

Name	% Missing	Unique Values	Shortest Value	Longest Value	Min Value Count	Max Value Count	Remarks
Total Gross	0.0%	120	\$57,000,000	\$119,119,282	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Rank	0.0%	17	P	11	1	25	2 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%YD	1.7%	89	-7%	-43%	1	1	3 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Date	0.0%	120	Jan 1, 2016	Dec 17, 2015	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Theaters	0.0%	16	0	4,134	1	28	28 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Per Theater	0.8%	113	\$72	\$28,815	1	1	2 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Days	0.0%	120	0	100	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Gross	0.0%	120	\$56,853	\$119,119,282	1	1	1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%LW	6.7%	62	-5%	-59%	1	8	8 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
title	0.0%	1	Star Wars: Episode VII - The Force Awakens	Star Wars: Episode VII - The Force Awakens	120	120	
tconst	0.0%	1	tt2488496	tt2488496	120	120	

Field Summary

▶ Tour

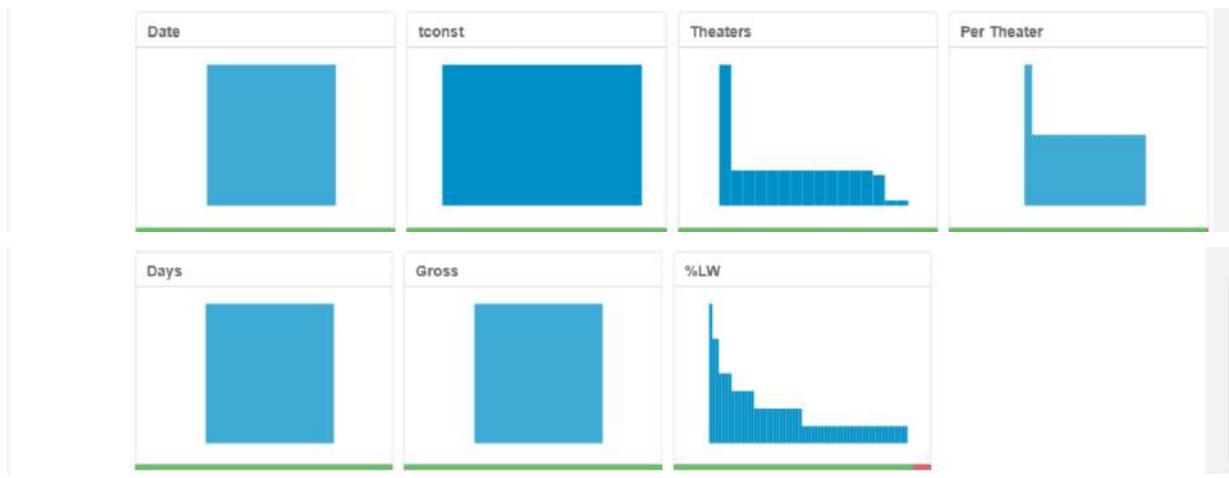
Select variables to view

1A 1B 1C 1D

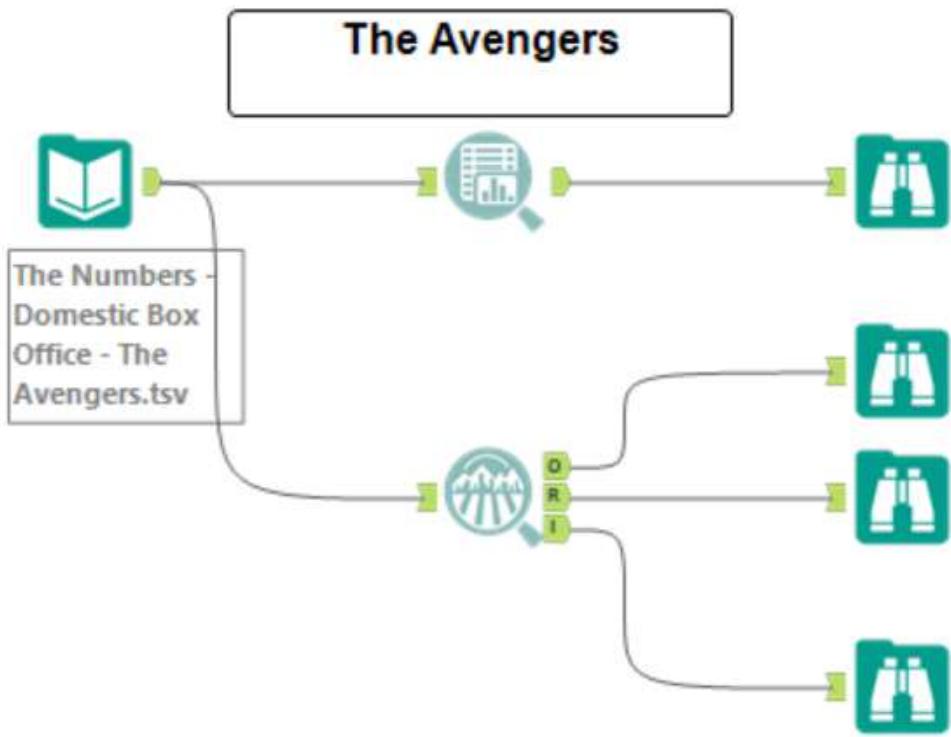
Record

Text





3.8 The Avengers



3 of 3 Fields 231 records displayed, 4,812 bytes

Search

Record	FieldName	Name	Value
1	tconst	Name	tconst
2	tconst	Data Type	V_String
3	tconst	Size	254
4	tconst	Source	File: D:\dadabi\Final Project\IMDB\IMDB\TheNu...
5	tconst	Description	[Null]
6	tconst	OKs	97
7	tconst	Nulls	0
8	tconst	Non-Nulls	97
9	tconst	Blanks	0
10	tconst	Values with Leading Whitespace	0
11	tconst	Values with Trailing Whitespace	0
12	tconst	Values with Both Whitespace	0
13	tconst	Average Length	9.0
14	tconst	Longest Length	9
15	tconst	Longest Value	tt0848228
16	tconst	Shortest (Non Blank) Length	9

Profile

.FieldName

Summary

Type	Records	Data Type Size
V_WString	231	1,073,741,823

● Ok	231	100.00%
Unique	11	4.76%
■ Null	0	0.00%
Not ● Ok	0	0.00%
● Empty	0	0.00%

Profile

Name ×

Summary ^

Type	Records	Data Type Size
V_WString	231	1,073,741,823

● Ok	231	100.00%
Unique	21	9.09%
■ Null	0	0.00%
Not	0	0.00%
● Ok	0	0.00%
● Empty	0	0.00%

Profile

Value ×

Summary ^

Type	Records	Data Type Size
V_WString	231	1,073,741,823

● Ok	209	90.48%
Unique	77	33.33%
■ Null	13	5.63%
Not	9	3.90%
● Ok	0	0.00%
● Empty	0	0.00%

Report Profile
1 of 1 Fields ▾ | Records 1 to 1 |

String/Character Fields

Name	% Missing	Unique Values	Shortest Value	Longest Value	Min Value Count	Max Value Count	Remarks
Total Gross	0.0%	97	\$18,700,000	\$150,371,975	1		1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Rank	0.0%	14	P	11	1		25 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%YD	4.1%	77	-6%	-14%	1		4 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Date	0.0%	97	May 3, 2012	May 10, 2012	1		1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Theaters	0.0%	15	0	4,349	1		14 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Per Theater	1.0%	94	\$56	\$18,582	1		2 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Days	0.0%	97	0	120	1		1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Gross	0.0%	97	\$98,364	\$18,700,000	1		1 Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%LW	15.5%	43	n/c	-64%	1		15 This field has over 10% missing values. Consider imputing these values. Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
title	0.0%	1	The Avengers	The Avengers	97	97	
tconst	0.0%	1	tt0848228	tt0848228	97	97	

Field Summary

► Tour Select variables to view

Record	Text	Text	Text	Text
1	Total Gross	title	Rank	%YD
	Date	tconst	Theaters	Per Theater
	Days	Gross	%LW	

3.9 Titanic

Titanic



The Numbers -
Domestic Box
Office -
Titanic.tsv



3 of 3 Fields 231 records displayed, 4,570 bytes X ✓

Record	FieldName	Name	Value
1	tconst	Name	tconst
2	tconst	Data Type	V_String
3	tconst	Size	254
4	tconst	Source	File: D:\dadabi\Final Project\IMDB\IMDB\TheNu...
5	tconst	Description	[Null]
6	tconst	OKs	265
7	tconst	Nulls	0
8	tconst	Non-Nulls	265
9	tconst	Blanks	0
10	tconst	Values with Leading Whitespace	0
11	tconst	Values with Trailing Whitespace	0
12	tconst	Values with Both Whitespace	0
13	tconst	Average Length	9.0
14	tconst	Longest Length	9
15	tconst	Longest Value	tt0120338
16	tconst	Shortest (Non Blank) Length	9

Profile x

FieldName

Summary

Type	Records	Data Type Size
V_WString	231	1,073,741,823

Category	Count	Percentage
Ok	231	100.00%
Unique	11	4.76%
Null	0	0.00%
Not Ok	0	0.00%
Empty	0	0.00%

Profile x

Name

Summary

Type	Records	Data Type Size
V_WString	231	1,073,741,823

Category	Count	Percentage
Ok	231	100.00%
Unique	21	9.09%
Null	0	0.00%
Not Ok	0	0.00%
Empty	0	0.00%

Profile x

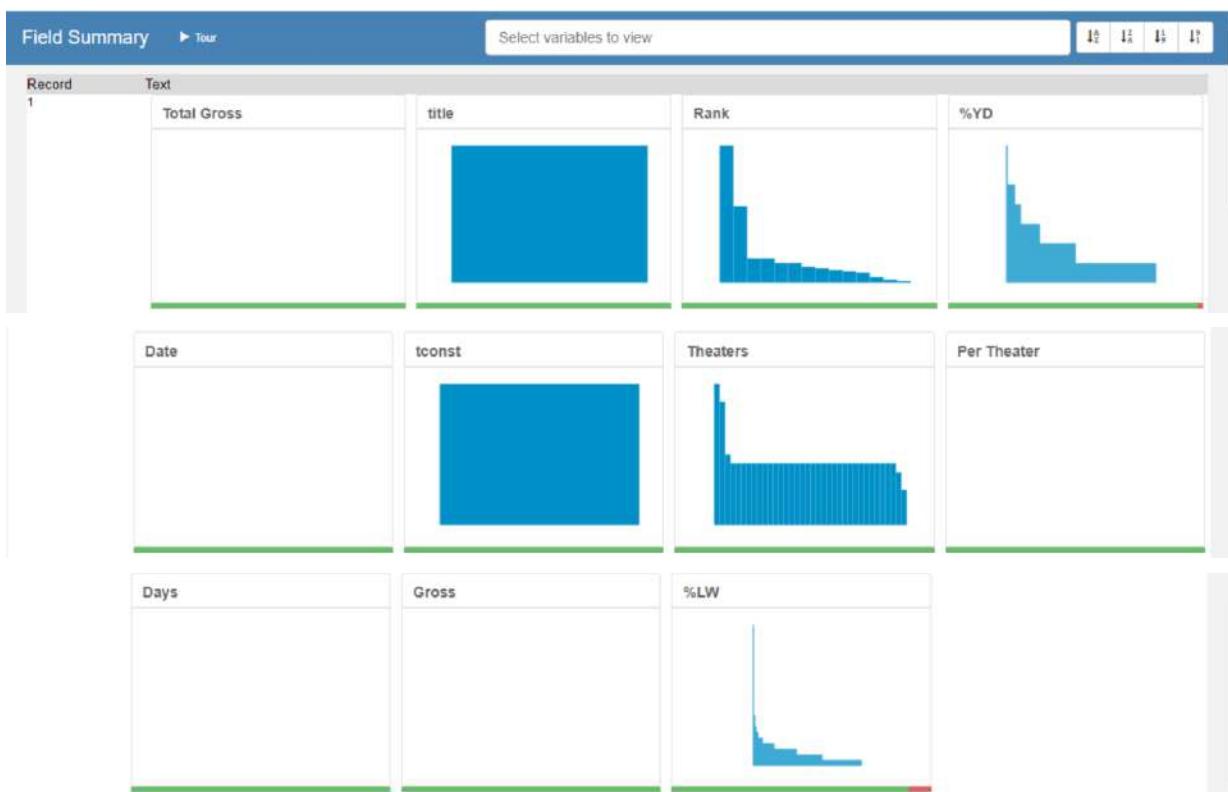
Value

Summary

Type	Records	Data Type Size
V_WString	231	1,073,741,823

Category	Count	Percentage
Ok	209	90.48%
Unique	84	36.36%
Null	15	6.49%
Not Ok	7	3.03%
Empty	0	0.00%

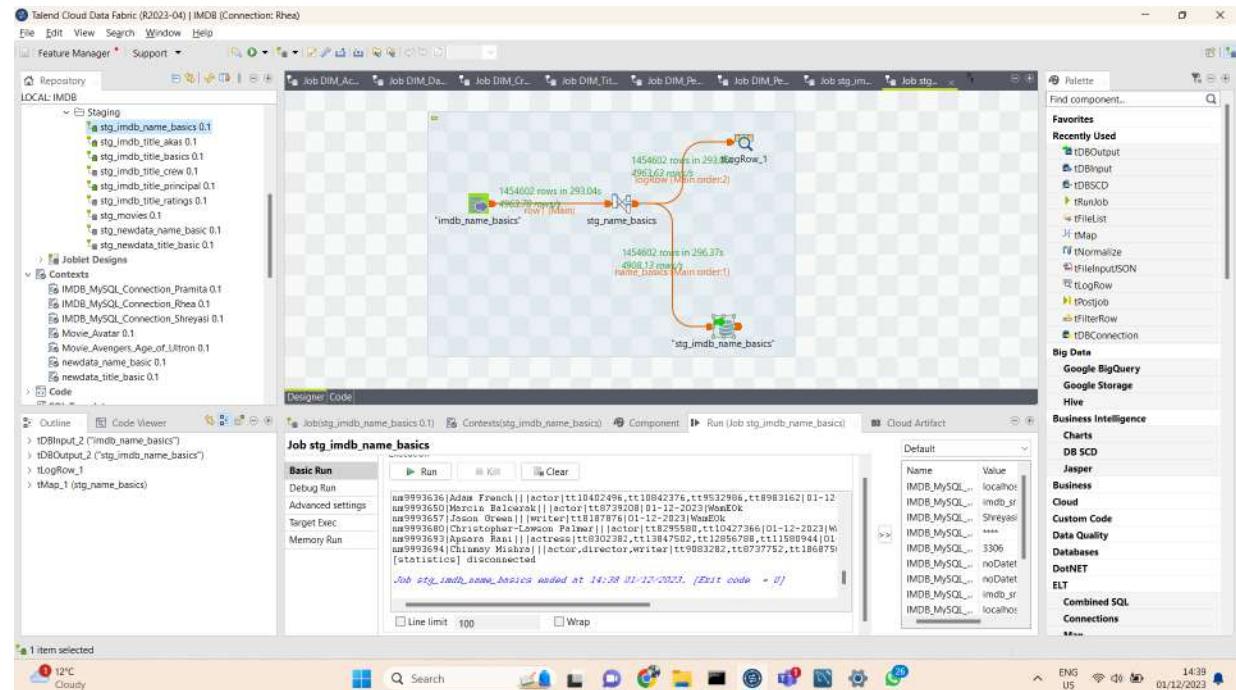
Name	% Missing	Unique Values	Shortest Value	Longest Value	Min Value Count	Max Value Count	Remarks
Total Gross	0.0%	265	\$8,658,814	\$104,380,438	1	1	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Rank	0.0%	14	1	11	1	97	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%YD	1.5%	143	-7%	0.23	1	7	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Date	0.0%	265	Jan 1, 1998	Dec 19, 1997	1	1	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Theaters	0.0%	36	70	2,674	4	16	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Per Theater	0.0%	228	\$88	\$3,238	1	3	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Days	0.0%	265	1	5,221	1	1	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
Gross	0.0%	264	\$8,128	\$10,672,013	1	2	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
%LW	9.4%	102	0.4	0.17	1	25	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.
title	0.0%	1	Titanic	Titanic	265	265	
tconst	0.0%	1	tt0120338	tt0120338	265	265	



Jobs and Screenshots of Tables:

Stage Tables:

stg_imdb_name_basics:



MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

Table: stg_imdb_name_basics

Columns:

- name: varchar(10)
- primaryName: varchar(255)
- birthYear: varchar(4)
- deathYear: varchar(4)
- primaryProfession: varchar(100)
- knownForTitles: varchar(100)
- DL_CreatedDate: datetime
- JobID: varchar(100)

Action Output

Time	Action	Message	Duration / Fetch
25	13:26:37 SELECT * FROM enbd_src_movie.dim_person LIMIT 0, 1000	1000 rows returned	0.015 sec / 0.000 sec
26	13:26:45 SELECT * FROM enbd_src_movie.dim_person	1454602 rows returned	0.016 sec / 2.326 sec
27	13:27:12 SELECT count(*) FROM enbd_src_movie.dim_person	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL ...	0.093 sec
28	13:27:22 SELECT count(*) FROM enbd_src_movie.dim_person	1 rows returned	0.766 sec / 0.000 sec
29	13:35:52 SELECT * FROM enbd_src_movie.stg_imdb_name_basics	1454602 rows returned	0.156 sec / 3.422 sec
30	13:36:07 SELECT count(*) FROM enbd_src_movie.stg_imdb_name_basics	1 rows returned	1.078 sec / 0.000 sec

Result Grid | Filter Rows | Export | Wrap Cell Content | Result Grid | Form Editor | Field Types | Query Stats | Read Only | Context Help | Snippets

Information

Table: stg_imdb_name_basics

Administration Schemas

Object Info Session

13°C Cloudy ENG US 13:36 01/12/2023

stg_imdb_title_akas

Talend Cloud Data Fabric (R2023-04) | IMDB (Connection: Rhea)

File Edit View Search Window Help

Feature Manager Support

Repository LOCAL: IMDB

Staging

- stg_imdb_name_basics 0.1
- stg_imdb_title_akas 0.1
- stg_imdb_title_basics 0.1
- stg_imdb_title_crew 0.1
- stg_imdb_title_principal 0.1
- stg_imdb_title_ratings 0.1
- stg_movies 0.1
- stg_newdata_name_basic 0.1
- stg_newdata_title_basic 0.1

Joblet Designs

IMDB(MySQL_Connection_Pramita 0.1

IMDB(MySQL_Connection_Rhea 0.1

IMDB(MySQL_Connection_Shreyasi 0.1

Movie_Avatar 0.1

Movie_Avenger_Age_of_Ultron 0.1

newdata_name_basic 0.1

newdata_title_basic 0.1

Code

Job stg_imdb_title_akas

Basic Run

```
tts916680 Run the job Jobstg_imdb_title_akas disconnects: ciem colombiano 1970-1995|O|\N|1|ts916680|De la liliun al desconocido: ciem colombiano 1970-1995|\N|\N|or|ts916708|16 Guayabas Guaya|\N|\N|\N|0|ts916730|16 Guan|\N|\N|\N|0|ts916754|1|Chico Albuquerque - Revelaciones|EM|\S|imdbdescript|\S|0|ts916754|1|Chico Albuquerque - Revelaciones|EM|\S|original|\S|1|[statistics] disconnected
```

Job stg_imdb_title_akas ended at 14:50 01/12/2023. [Exit code = 0]

Run | Kill | Clear

Component Run | Job stg_imdb_title_akas | Cloud Artifact

Palette

Find component...

Favorites

Recently Used

- tDBOutput
- tDBInput
- tBSCD
- tRunJob
- tFileList
- tMap
- tNormalize
- tReadJSON
- tLogRow
- tPostJob
- tFilterRow
- tDBConnection

Big Data

Google BigQuery

Google Storage

Hive

Business Intelligence

Charts

DB SCD

Jasper

Business

Cloud

Custom Code

Data Quality

Databases

DotNET

ELT

Combined SQL

Connections

12°C Cloudy ENG US 14:50 01/12/2023

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

Table: stg_imdb_title_akas

Columns:

- titleId: varchar(10)
- ordering: int
- title: varchar(1024)
- region: varchar(255)
- language: varchar(255)
- types: varchar(1024)
- attributes: varchar(1024)
- isOriginalTitle: varchar(255)
- DL_CreatedDate: datetime
- pid: varchar(100)

Action Output

Time	Action	Message	Duration / Fetch
11:03:52:52	SELECT * FROM `imdb_src_movie.dim_actor_profession` LIMIT 0, 1000	1000 rows(s) returned	0.063 sec / 0.015 sec
12:03:53:01	SELECT * FROM `imdb_src_movie.dim_actor_profession` LIMIT 0, 1000	1000 rows(s) returned	0.000 sec / 0.000 sec
13:03:53:25	SELECT * FROM `imdb_src_movie.dim_actor_knowfor` LIMIT 0, 1000	0 rows(s) returned	0.016 sec / 0.047 sec
14:03:53:53	SELECT * FROM `imdb_src_movie.dim_actor_profession` LIMIT 0, 1000	1000 rows(s) returned	0.078 sec / 0.000 sec
15:03:54:50	SELECT * FROM `imdb_src_movie.stg_imdb_name_basics` LIMIT 0, 1000	1000 rows(s) returned	0.906 sec / 0.000 sec
16:03:56:24	SELECT * FROM `imdb_src_movie.stg_imdb_title_akas` LIMIT 0, 1000	1000 rows(s) returned	

Result Grid

titleId	ordering	title	region	language	types	attributes	isOriginalTitle	DL_CreatedDate	pid
H00000002	1	Bohemian	W	original	W	0	1	2023-11-29 13:20:17	n9szH
H00000002	2	Balinese	ES	W	imdbDisplay	W	0	2023-11-29 13:20:17	n9szH
H00000074	1	Kelly yonduùlai tññññte	HE	W	imdbDisplay	W	0	2023-11-29 13:20:17	n9szH
H00000074	2	Ned Kelly and His Gang	AU	W	imdbDisplay	W	0	2023-11-29 13:20:17	n9szH
H00000074	3	Prix o Kellvino bandi	RS	W	imdbDisplay	W	0	2023-11-29 13:20:17	n9szH
H00000074	4	The Story of the Kelly Gang	GB	W	imdbDisplay	W	0	2023-11-29 13:20:17	n9szH
H00000074	5	The Story of the Kelly Gang	W	original	W	1	2023-11-29 13:20:17	n9szH	
H00000074	6	The Story of the Kelly Gang	SG	en	imdbDisplay	W	0	2023-11-29 13:20:17	n9szH
H00000074	7	The Story of the Kelly Gang	US	W	imdbDisplay	W	0	2023-11-29 13:20:17	n9szH
H00000074	8	Ned Kelly and His Gang	W	W	imdbDisplay	W	0	2023-11-29 13:20:17	n9szH
H00000074	9	Die Geschichte der Kelly Ba...	DE	W	W	0	2023-11-29 13:20:17	n9szH	
H00000074	10	The Story of the Kelly Gang	AU	W	imdbDisplay	W	0	2023-11-29 13:20:17	n9szH
H00000091	1	L'enfant prodige	FR	W	imdbDisplay	W	0	2023-11-29 13:20:17	n9szH
H00000091	2	L'enfant prodige	W	W	original	W	1	2023-11-29 13:20:17	n9szH
H00000091	3	The Prodigal Son	US	W	W	0	2023-11-29 13:20:17	n9szH	

Result Grid

count(*)
2612798

Action Output

Time	Action	Message	Duration / Fetch
27:13:27:12	SELECT () FROM `imdb_src_movie.dim_person`	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL s...	0.093 sec
28:13:27:22	SELECT count(*) FROM `imdb_src_movie.dim_person`	1row(s) returned	0.766 sec / 0.000 sec
29:13:35:50	SELECT * FROM `imdb_src_movie.stg_imdb_name_basics`	1454602 row(s) returned	0.156 sec / 3.422 sec
30:13:36:07	SELECT count(*) FROM `imdb_src_movie.stg_imdb_title_akas`	1row(s) returned	1.078 sec / 0.000 sec
31:13:36:47	SELECT * FROM `imdb_src_movie.stg_imdb_title_akas`	2612798 row(s) returned	0.203 sec / 5.375 sec
32:13:37:07	SELECT count(*) FROM `imdb_src_movie.stg_imdb_title_akas`	1row(s) returned	1.031 sec / 0.000 sec

Result Grid

count(*)
2612798

Result Grid

count(*)
2612798

Result Grid

count(*)
2612798

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

Table: stg_imdb_title_akas

Columns:

- titleId: varchar(10)
- ordering: int
- title: varchar(1024)
- region: varchar(255)
- language: varchar(255)
- types: varchar(1024)
- attributes: varchar(1024)
- isOriginalTitle: varchar(255)
- DL_CreatedDate: datetime
- pid: varchar(100)

Action Output

Time	Action	Message	Duration / Fetch
27:13:27:12	SELECT () FROM `imdb_src_movie.dim_person`	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL s...	0.093 sec
28:13:27:22	SELECT count(*) FROM `imdb_src_movie.dim_person`	1row(s) returned	0.766 sec / 0.000 sec
29:13:35:50	SELECT * FROM `imdb_src_movie.stg_imdb_name_basics`	1454602 row(s) returned	0.156 sec / 3.422 sec
30:13:36:07	SELECT count(*) FROM `imdb_src_movie.stg_imdb_title_akas`	1row(s) returned	1.078 sec / 0.000 sec
31:13:36:47	SELECT * FROM `imdb_src_movie.stg_imdb_title_akas`	2612798 row(s) returned	0.203 sec / 5.375 sec
32:13:37:07	SELECT count(*) FROM `imdb_src_movie.stg_imdb_title_akas`	1row(s) returned	1.031 sec / 0.000 sec

Result Grid

count(*)
2612798

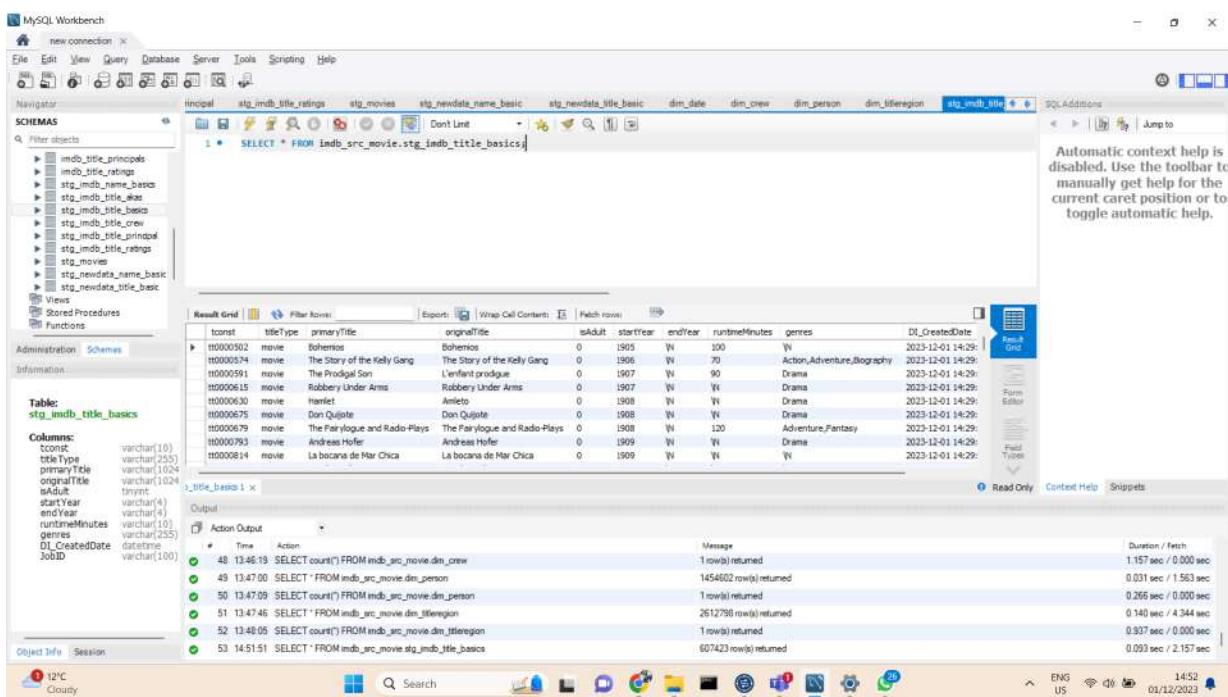
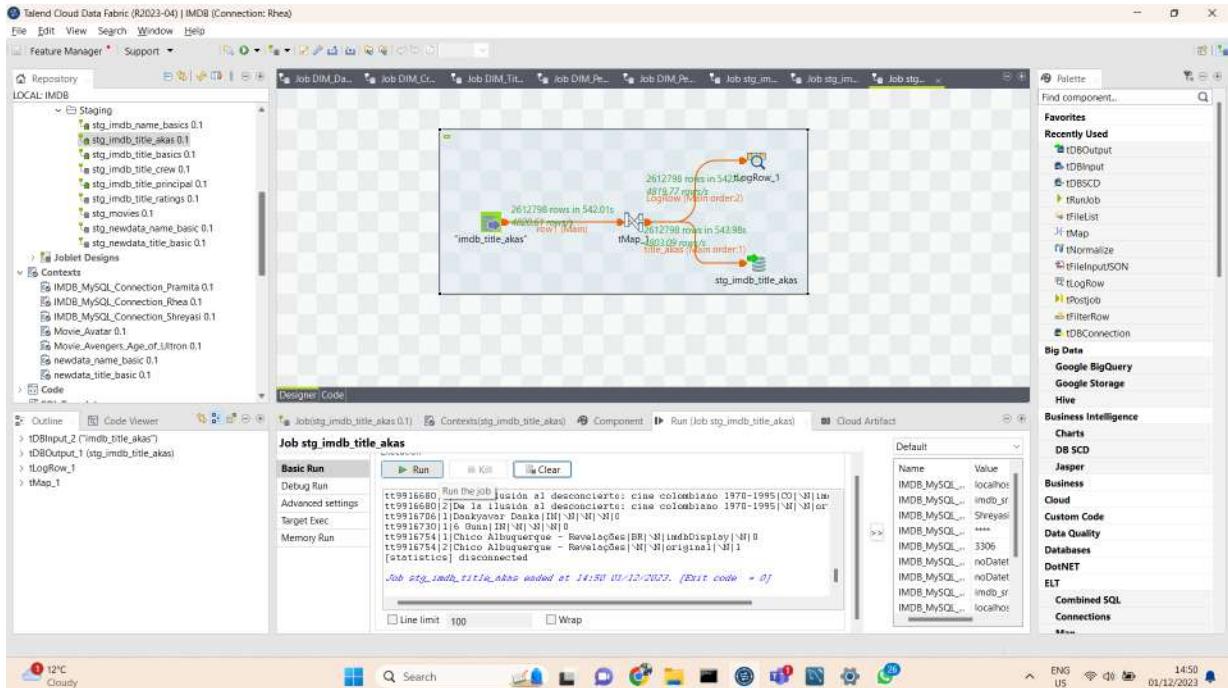
Result Grid

count(*)
2612798

Result Grid

count(*)
2612798

stg_imdb_title_basics



MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

Table: stg_imdb_title_basics

Columns:

- const
- titleType
- primaryTitle
- originalTitle
- startYear
- endYear
- runtimesMinutes
- genres
- DL_CreatedDate
- JobID

Result Grid

1 * SELECT count(*) FROM imbd_src_movie.stg_imdb_title_basics;

Result 2

Action Output

Time Action Message Duration / Epoch

- 49 13:47:00 SELECT * FROM imbd_src_movie.dim_person 1454602 rows(s) returned 0.031 sec / 1.563 sec
- 50 13:47:09 SELECT count(*) FROM imbd_src_movie.dim_person 1 row(s) returned 0.266 sec / 0.000 sec
- 51 13:47:46 SELECT count(*) FROM imbd_src_movie.dim_tlregion 2612798 rows(s) returned 0.140 sec / 4.344 sec
- 52 13:48:05 SELECT count(*) FROM imbd_src_movie.dim_tlregion 1 row(s) returned 0.937 sec / 0.000 sec
- 53 14:51:51 SELECT * FROM imbd_src_movie.stg_imdb_title_basics 607423 rows(s) returned 0.093 sec / 2.157 sec
- 54 14:52:43 SELECT count(*) FROM imbd_src_movie.stg_imdb_title_basics 1 row(s) returned 0.312 sec / 0.000 sec

Object Info Session

12°C Cloudy ENG US 14:52 01/12/2023

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

stg_imdb_title_crew

Talend Cloud Data Fabric (R2023-04) | IMDB (Connection: Rhea)

File Edit View Search Window Help

Repository LOCAL: IMDB

Staging

- stg_imdb_name_basics_0.1
- stg_imdb_title_akas_0.1
- stg_imdb_title_basics_0.1
- stg_imdb_title_crew_0.1
- stg_imdb_title_principal_0.1
- stg_imdb_title_ratings_0.1
- stg_movies_0.1
- stg_newdata_name_basic_0.1
- stg_newdata_title_basic_0.1

Joblet Designs

- IMDB_MySQL_Connection_Pramita_0.1
- IMDB_MySQL_Connection_Rhea_0.1
- IMDB_MySQL_Connection_Shreyasi_0.1
- Movie_Avatar_0.1
- Movie_Avenger_Age_of_Ultron_0.1
- Newdata_name_basic_0.1
- Newdata_title_basic_0.1

Code

Job stg_imdb_title_crew

Designer / Code

Basic Run

```
t991620|IMDb|aa7313709|01-12-2023|Zywak
t991622|IMDb|aa72440|aa572441|aa927440|aa9272491|01-12-2023|Zywak
t991668|IMDb|aa652213|aa652213|aa652213|aa10538376|01-12-2023|Zywak
t9916706|IMDb|aa764440|aa764440|aa7933903|01-12-2023|Zywak
t9916730|IMDb|aa10538612|aa10538612|aa10538612|aa10538612|01-12-2023|Zywak
t9916731|IMDb|aa10538610|aa10538610|aa10538610|aa10538610|01-12-2023|Zywak
[statistics] disconnected
```

Job stg_imdb_title_crew ended at 14:58 01/12/2023. [Exit code = 0]

Default

Name	Value
IMDB_MySQL_localhost	
IMDB_MySQL_imdb_sf	
IMDB_MySQL_shreyasi	****
IMDB_MySQL_3306	3306
IMDB_MySQL_noDated	noDated
IMDB_MySQL_imdb_sr	localhost

Find component... Recently Used

- tDBOutput
- tDBInput
- tBSCD
- tRunJob
- tFileList
- tMap
- tNormalize
- tReadJSON
- tLogRow
- tPostJob
- tFilterRow
- tDBConnection

Big Data

- Google BigQuery
- Google Storage
- Hive

Business Intelligence

- Charts
- DB SCD
- Jasper
- Business
- Cloud
- Custom Code
- Data Quality
- Databases
- DotNET
- ELT
- Combined SQL
- Connections

12°C Cloudy ENG US 15:03 01/12/2023

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator Schemas

Table: stg_imdb_title_crew

Columns:

- constit varchar(10)
- directors varchar(4000)
- writers varchar(4000)
- DL_CreatedDate datetime
- JobID varchar(100)

Result Grid

JobID	directors	writers	DL_CreatedDate	JobID
H0000502	nm0063413,nm0657268,nm0675388		2023-11-30 01:18:58	brij4
H0000574	nm0094689		2023-11-30 01:18:58	brij4
H0000614	nm0121100		2023-11-30 01:18:58	brij4
H0000615	nm0533958	nm0928059,nm0533958	2023-11-30 01:18:58	brij4
H0000630	nm143333	nm0000236	2023-11-30 01:18:58	brij4
H0000675	nm0194088	nm0148859	2023-11-30 01:18:58	brij4
H0000679	nm0091267,nm0877783	nm00002875,nm0877783	2023-11-30 01:18:58	brij4
H0000793	nm0081286,nm0691294		2023-11-30 01:18:58	brij4
H0000814	nm0185406	W	2023-11-30 01:18:58	brij4
H0000838	nm0017074	W	2023-11-30 01:18:58	brij4
H0000842	nm0005717	W	2023-11-30 01:18:58	brij4
H0000846	nm0023107	W	2023-11-30 01:18:58	brij4
H0000850	nm00550220,nm0063413	nm0063413,nm0550220	2023-11-30 01:18:58	brij4
H0000859	nm0005720	nm0005717	2023-11-30 01:18:58	brij4
H0000862	nm0879467	nm0957852	2023-11-30 01:18:58	brij4

Output

Action Output

Time	Action	Message	Duration / Fetch
12:03:53.01	SELECT * FROM imbd_src_movie.dim_actor_profession LIMIT 0, 1000	1000 rows\ returned	0.000 sec / 0.000 sec
13:03:53.25	SELECT * FROM imbd_src_movie.dim_actor_knowfor LIMIT 0, 1000	0 rows\ returned	0.000 sec / 0.000 sec
14:03:53.53	SELECT * FROM imbd_src_movie.dim_actor_profession LIMIT 0, 1000	1000 rows\ returned	0.016 sec / 0.047 sec
15:03:54.50	SELECT * FROM imbd_src_movie.stg_imdb_name_basics LIMIT 0, 1000	1000 rows\ returned	0.078 sec / 0.000 sec
16:03:56.24	SELECT * FROM imbd_src_movie.stg_imdb_title_akas LIMIT 0, 1000	1000 rows\ returned	0.906 sec / 0.000 sec
17:03:57.91	SELECT * FROM imbd_src_movie.stg_imdb_title_crew LIMIT 0, 1000	1000 rows\ returned	0.171 sec / 0.016 sec

Object Info Session

6°C Mostly clear

03:57 ENG US 01/12/2023

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator Schemas

Table: stg_imdb_title_crew

Columns:

- constit varchar(10)
- directors varchar(4000)
- writers varchar(4000)
- DL_CreatedDate datetime
- JobID varchar(100)

Result Grid

count(*)
607423

Output

Action Output

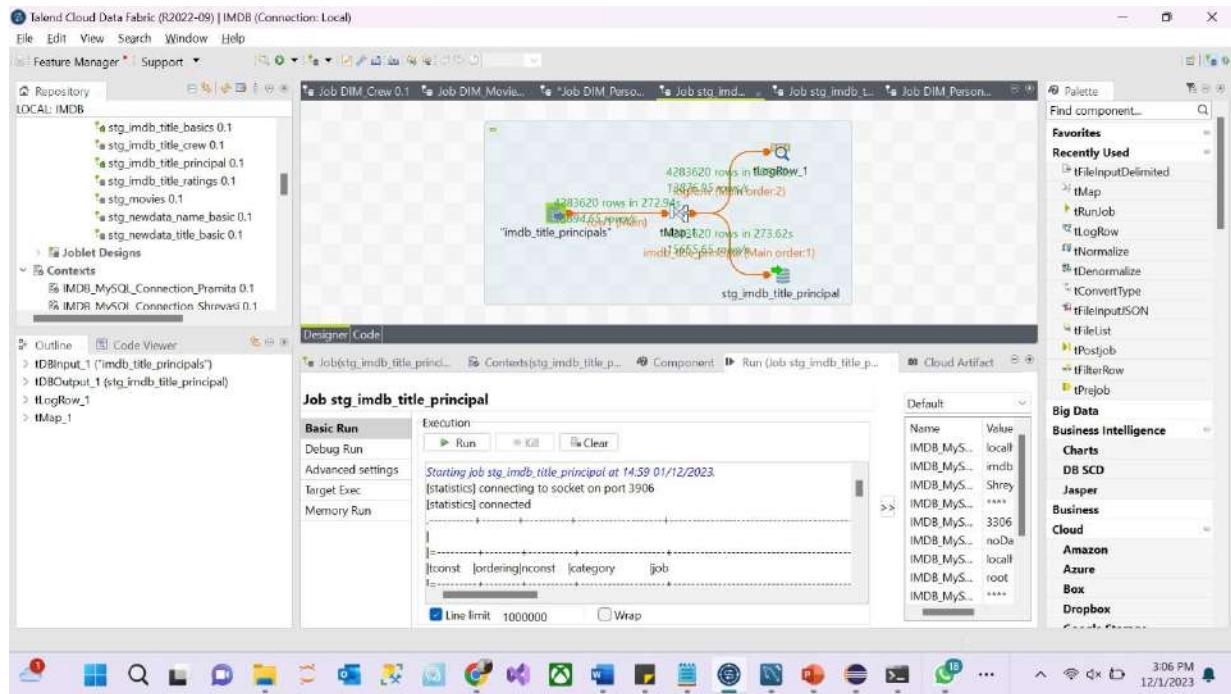
Time	Action	Message	Duration / Fetch
29:13:35.52	SELECT * FROM imbd_src_movie.stg_imdb_name_basics	1454602 rows\ returned	0.156 sec / 0.422 sec
30:13:36.07	SELECT count(*) FROM imbd_src_movie.stg_imdb_name_basics	1 rows\ returned	1.078 sec / 0.000 sec
31:13:36.47	SELECT * FROM imbd_src_movie.stg_imdb_title_akas	2612798 rows\ returned	0.203 sec / 5.375 sec
32:13:37.07	SELECT count(*) FROM imbd_src_movie.stg_imdb_title_akas	1 rows\ returned	1.031 sec / 0.000 sec
33:13:37.28	SELECT * FROM imbd_src_movie.stg_imdb_title_crew	607423 rows\ returned	0.157 sec / 0.937 sec
34:13:37.49	SELECT count(*) FROM imbd_src_movie.stg_imdb_title_crew	1 rows\ returned	0.156 sec / 0.000 sec

Object Info Session

13°C Cloudy

13:37 ENG US 01/12/2023

stg_imdb_title_principal



The screenshot shows the MySQL Workbench interface. The left sidebar shows the database schema, including tables like 'imdb_title_crew', 'imdb_title_principals', 'imdb_title_ratings', 'stg_imdb_name_basic', 'stg_imdb_title_aliases', 'stg_imdb_title_crew', 'stg_imdb_title_principals', 'stg_imdb_title_ratings', 'stg_movies', 'stg_newdata_name_basic', and 'stg_newdata_title_basic'. The main workspace displays the results of a query on the 'stg_imdb_title_principal' table. The results grid shows 10 rows of data, with columns including tconst, ordering, nconst, category, job, characters, DI_CreatedDate, and JobId. The data includes entries for actors like Tate Kelly, School Master, Joe Syme, Steve Hart, and producers like John Smith, Jane Doe, and others.

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

Table: stg_imdb_title_principal

Columns:

- const
- ordering
- int
- nconst
- varchar(10)
- category
- varchar(255)
- join
- varchar(1024)
- characters
- varchar(624)
- Dt_CreatedDate
- datetime
- JobId
- varchar(100)

Action Output

#	Time	Action	Message	Duration / Epoch
31	13:36:47	SELECT * FROM imbd_src_movie.stg_imdb_title_akas	261278 rows(s) returned	0.203 sec / 5.375 sec
32	13:37:07	SELECT count(*) FROM imbd_src_movie.stg_imdb_title_akas	1 row(s) returned	0.031 sec / 0.000 sec
33	13:37:28	SELECT * FROM imbd_src_movie.stg_imdb_title_crew	60742 rows(s) returned	0.157 sec / 0.937 sec
34	13:37:49	SELECT count(*) FROM imbd_src_movie.stg_imdb_title_crew	1 row(s) returned	0.156 sec / 0.000 sec
35	13:38:20	SELECT * FROM imbd_src_movie.stg_imdb_title_principal	4283620 rows(s) returned	0.079 sec / 7.812 sec
36	13:40:16	SELECT count(*) FROM imbd_src_movie.stg_imdb_title_principal	1 row(s) returned	1.359 sec / 0.000 sec

Result Grid | Filter Active | Export: | Wrap Cell Content: | Result Grid | Form Editor | Field Types | Read Only | Context Help | Snippets

Information

Object Info Session

13°C Cloudy ENG US 13:40 01/12/2023

stg_imdb_title_ratings

Talend Cloud Data Fabric (R2023-04) | IMDB (Connection: Rhea)

File Edit View Search Window Help

Feature Manager Support 100%

Repository LOCAL:IMDB

Job Designs Standard IMDB_Jobs Load_Dimensions Load_Fact Staging stg_imdb_name_basics 0.1 stg_imdb_title_akas 0.1 stg_imdb_title_basic 0.1 stg_imdb_title_crew 0.1 stg_imdb_title_ratings 0.1 stg_movies 0.1 stg_newdata_name_basic 0.1 stg_newdata_title_basic 0.1 Joblet Designs Contexts SQL Templates Metadata

Job: stg_imdb_title_ratings 0.1

tMap_1

277171 rows in 24.60s tLogRow_1

277171 rows in 24.7s 1122247 rows/s logrow (Main Order,2)

277171 rows in 25.45s 10890.38 rows/s imbd_title_ratings (Main Order,1)

stg_imdb_title_ratings

Designer Code

Job stg_imdb_title_ratings

Basic Run Execution Run Kill Clear

tDBInput_2 ("imbd_title_ratings") tDBOutput_2 ("stg_imdb_title_ratings") tLogRow_1 tMap_1

Target Exec Memory Run

Default Name Value

IMDB.MySQL_localhost

IMDB.MySQL_imdb_sf Shreyasi ****

IMDB.MySQL_3306

IMDB.MySQL_noDate

IMDB.MySQL_noDate

IMDB.MySQL_notification

To take full advantage of your Studio, we recommend you get available updates. Learn more.

10°C Light rain ENG US 17:00 01/12/2023

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator Schemas

Table: stg_imdb_title_ratings

Columns:

- tcnID: varchar(10)
- averageRating: double(22,0)
- numVotes: int
- DL_CreatedDate: datetime
- JobID: varchar(100)

Result Grid

tcnID	averageRating	numVotes	DL_CreatedDate	JobID
H0000502	4	14	2023-11-30 15:31:26	q2Q9f9
H0000574	6	759	2023-11-30 15:31:26	q2Q9f9
H0000601	5	17	2023-11-30 15:31:26	q2Q9f9
H0000615	4	23	2023-11-30 15:31:26	q2Q9f9
H0000630	4	24	2023-11-30 15:31:26	q2Q9f9
H0000675	5	19	2023-11-30 15:31:26	q2Q9f9
H0000679	5	65	2023-11-30 15:31:26	q2Q9f9
H0000793	5	20	2023-11-30 15:31:26	q2Q9f9
H0000862	5	16	2023-11-30 15:31:26	q2Q9f9
H0000886	5	37	2023-11-30 15:31:26	q2Q9f9
H0000941	5	23	2023-11-30 15:31:26	q2Q9f9
H0001010	5	14	2023-11-30 15:31:26	q2Q9f9
H0001028	4	17	2023-11-30 15:31:26	q2Q9f9
H0001038	4	21	2023-11-30 15:31:26	q2Q9f9
H0001049	4	16	2023-11-30 15:31:26	q2Q9f9

Output

Action Output

#	Time	Action	Message	Duration / Fetch
14	03:53:53	SELECT * FROM imbd_src_movie.dim_actor_profession LIMIT 0, 1000	1000 rows(s) returned	0.016 sec / 0.047 sec
15	03:54:50	SELECT * FROM imbd_src_movie.stg_imdb_name_basics LIMIT 0, 1000	1000 rows(s) returned	0.078 sec / 0.000 sec
16	03:56:24	SELECT * FROM imbd_src_movie.stg_imdb_aliases LIMIT 0, 1000	1000 rows(s) returned	0.906 sec / 0.000 sec
17	03:57:01	SELECT * FROM imbd_src_movie.stg_imdb_title_crew LIMIT 0, 1000	1000 rows(s) returned	0.171 sec / 0.016 sec
18	03:57:45	SELECT * FROM imbd_src_movie.stg_imdb_title_principal LIMIT 0, 1000	1000 rows(s) returned	0.125 sec / 0.031 sec
19	03:58:17	SELECT * FROM imbd_src_movie.stg_imdb_title_ratings LIMIT 0, 1000	1000 rows(s) returned	0.109 sec / 0.000 sec

Object Info Session

6°C Mostly clear

03:58 ENG US 01/12/2023

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator Schemas

Table: stg_imdb_title_ratings

Columns:

- tcnID: varchar(10)
- averageRating: double(22,0)
- numVotes: int
- DL_CreatedDate: datetime
- JobID: varchar(100)

Result Grid

count(*)
277171

Output

Action Output

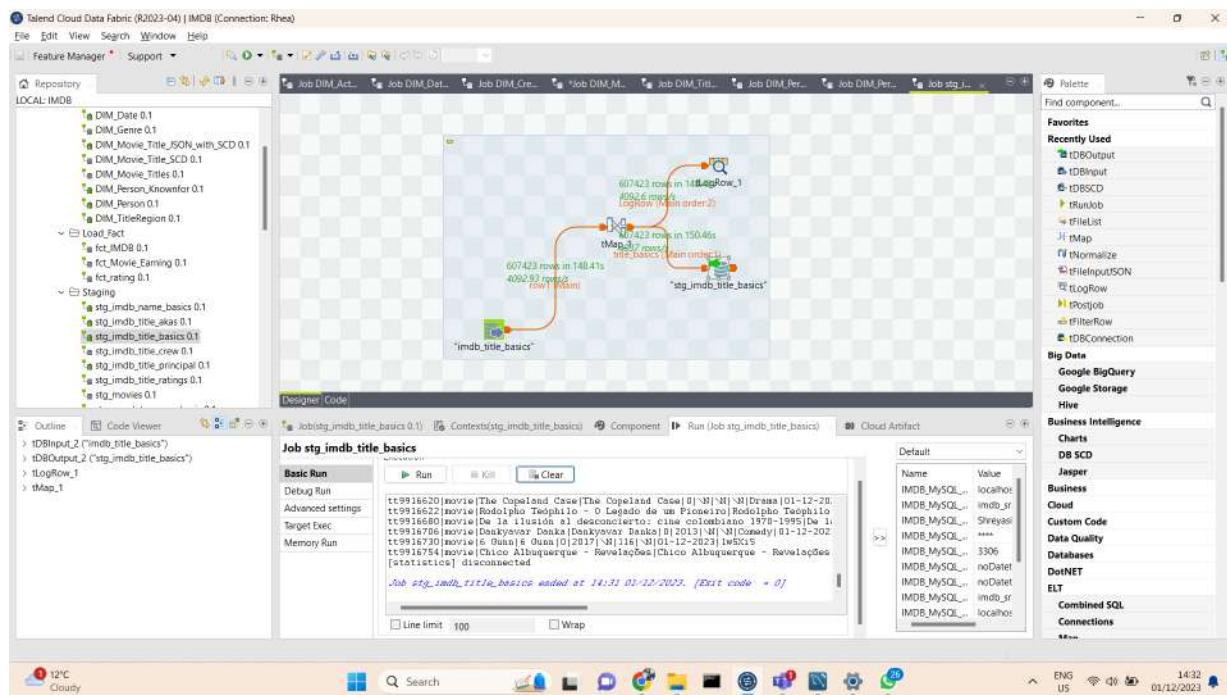
#	Time	Action	Message	Duration / Fetch
33	13:37:28	SELECT * FROM imbd_src_movie.stg_imdb_title_crew	607423 rows(s) returned	0.157 sec / 0.917 sec
34	13:37:49	SELECT count(*) FROM imbd_src_movie.stg_imdb_title_crew	1 row(s) returned	0.156 sec / 0.000 sec
35	13:38:45	SELECT * FROM imbd_src_movie.stg_imdb_title_principal	4263620 rows(s) returned	0.079 sec / 7.812 sec
36	13:40:16	SELECT count(*) FROM imbd_src_movie.stg_imdb_title_principal	1 row(s) returned	1.359 sec / 0.000 sec
37	13:40:36	SELECT * FROM imbd_src_movie.stg_imdb_title_ratings	277171 rows(s) returned	0.187 sec / 0.454 sec
38	13:40:47	SELECT count(*) FROM imbd_src_movie.stg_imdb_title_ratings	1 row(s) returned	0.015 sec / 0.000 sec

Object Info Session

13°C Cloudy

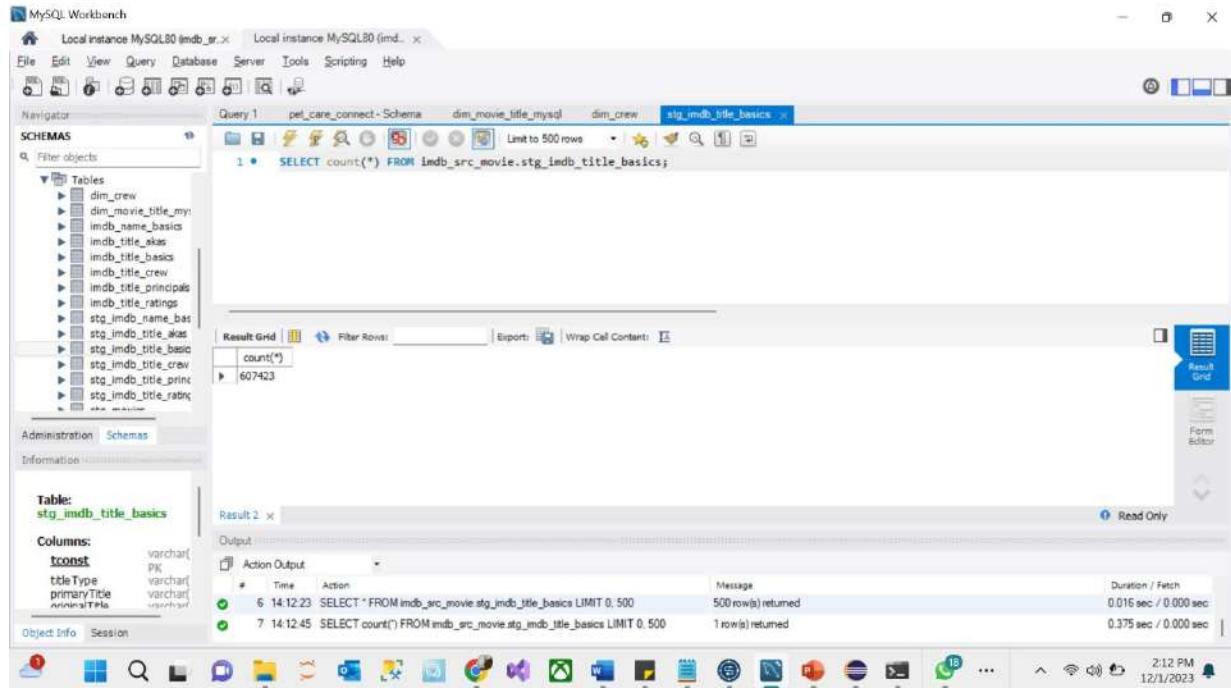
13:40 ENG US 01/12/2023

stg_imdb_title_basics

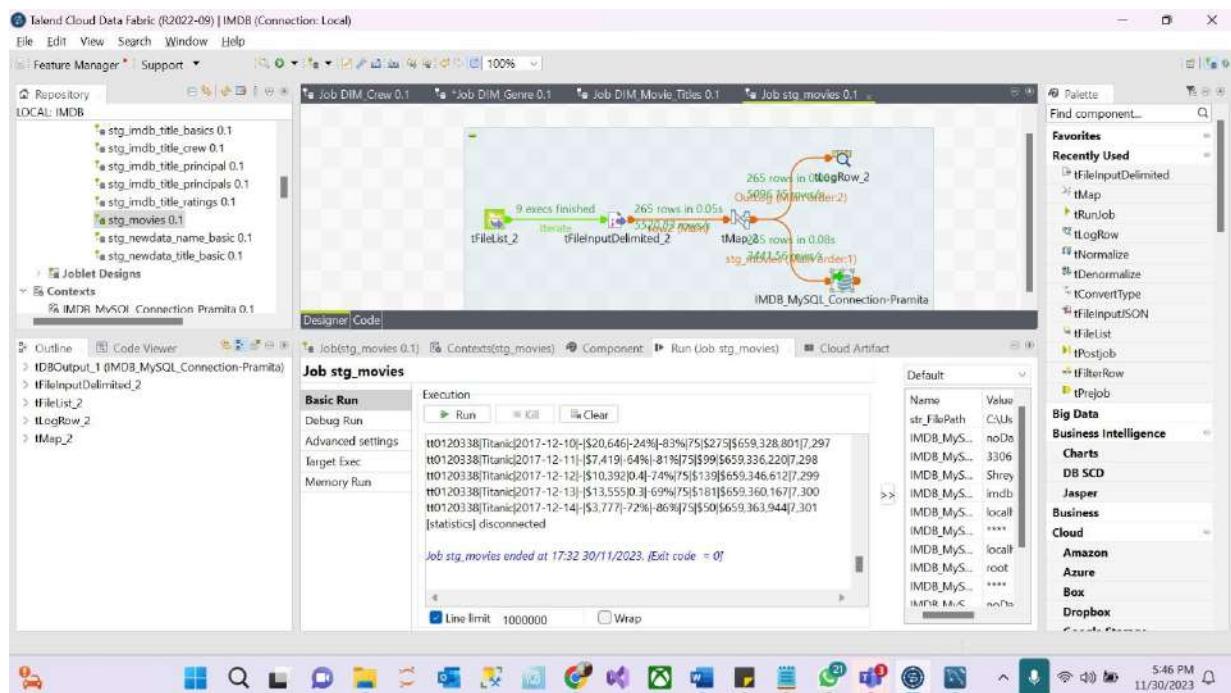


The screenshot shows the MySQL Workbench interface. The left sidebar shows the database schema with several tables related to movies. The main area displays the results of a query on the 'stg_imdb_title_basics' table. The results grid shows 500 rows of movie data, including columns such as tconst, titleType, primaryTitle, originalTitle, isAdult, startYear, endYear, runtimeMinutes, genres, and DI_CreatedDate. The genres column includes values like Action, Adventure, Biography, Drama, and Fantasy. The results grid has various toolbar icons for filtering, sorting, and exporting data.

tconst	titleType	primaryTitle	originalTitle	isAdult	startYear	endYear	runtimeMinutes	genres	DI_CreatedDate
tt0000502	movie	Bohemios	Bohemios	0	1905	W	100	W	2023-11-25 04:51
tt0000574	movie	The Story of the Kelly Gang	The Story of the Kelly Gang	0	1906	W	70	Action,Adventure,Biography	2023-11-25 04:51
tt0000591	movie	The Prodigal Son	L'enfant prodige	0	1907	W	90	Drama	2023-11-25 04:51
tt0000615	movie	Robbery Under Arms	Robbery Under Arms	0	1907	W	W	Drama	2023-11-25 04:51
tt0000630	movie	Hamlet	Amleto	0	1908	W	W	Drama	2023-11-25 04:51
tt0000675	movie	Don Quixote	Don Quixote	0	1908	W	W	Drama	2023-11-25 04:51
tt0000679	movie	The Fairylogue and Radio-Plays	The Fairylogue and Radio-Plays	0	1908	W	120	Adventure,Fantasy	2023-11-25 04:51



stg_movies



MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator Schemas

Table: stg_movies

Columns:

- tcntit varchar(100)
- title varchar(100)
- Date varchar(100)
- Rank varchar(100)
- Gross varchar(100)
- VD varchar(100)
- LW varchar(100)
- Theaters varchar(100)
- Per_Theater varchar(100)
- Total_Gross varchar(100)
- Days varchar(100)
- DL_CreatedDate datetime
- JobID varchar(100)

Object Info Session

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

1 * SELECT * FROM imdb_src_movie.stg_movies;

tcntit	title	Date	Rank	Gross	VD	LW	Theaters	Per_Theater	Total_Gross	Days	DL_CreatedDate	JobID		
tt0120338	Titanic	Dec 19, 1997	1	\$8,658,814	2,674	\$3,236	86,658,814	1	\$8,658,814	1	2023-11-30 15:41:32	410w11		
tt0120338	Titanic	Dec 19, 1997	1	\$10,572,013	0.23	2,674	\$3,991	\$19,572,013	2	\$10,572,013	2	2023-11-30 15:41:32	410w11	
tt0120338	Titanic	Dec 21, 1997	1	\$8,732,107	-1%	2,674	\$3,486	\$28,732,107	3	\$8,732,107	3	2023-11-30 15:41:32	410w11	
tt0120338	Titanic	Dec 22, 1997	1	\$5,787,212	-4%	2,674	\$2,066	\$14,787,212	4	\$5,787,212	4	2023-11-30 15:41:32	410w11	
tt0120338	Titanic	Dec 23, 1997	1	\$6,003,119	0.08	2,674	\$2,245	\$40,219,402	5	\$6,003,119	5	2023-11-30 15:41:32	410w11	
tt0120338	Titanic	Dec 24, 1997	1	\$3,571,945	-41%	2,674	\$1,336	\$43,790,007	6	\$3,571,945	6	2023-11-30 15:41:32	410w11	
tt0120338	Titanic	Dec 25, 1997	1	\$8,121,529	1.57	2,674	\$3,423	\$52,969,336	7	\$8,121,529	7	2023-11-30 15:41:32	410w11	
tt0120338	Titanic	Dec 26, 1997	1	\$12,121,294	0.32	0.4	2,711	\$4,472	\$65,091,634	8	\$12,121,294	8	2023-11-30 15:41:32	410w11
tt0120338	Titanic	Dec 27, 1997	1	\$12,466,451	0.03	0.17	2,711	\$4,598	\$77,558,089	9	\$12,466,451	9	2023-11-30 15:41:32	410w11
tt0120338	Titanic	Dec 29, 1997	1	\$7,942,920	-27%	0.42	2,711	\$2,930	\$96,367,529	10	\$7,942,920	10	2023-11-30 15:41:32	410w11
tt0120338	Titanic	Dec 30, 1997	1	\$8,012,909	0.01	0.33	2,711	\$2,956	\$104,380,438	12	\$8,012,909	12	2023-11-30 15:41:32	410w11
tt0120338	Titanic	Dec 31, 1997	1	\$8,213,735	0.03	1.3	2,711	\$3,030	\$112,594,173	13	\$8,213,735	13	2023-11-30 15:41:32	410w11
tt0120338	Titanic	Jan 1, 1998	1	\$11,558,520	0.41	0.26	2,711	\$4,264	\$124,152,693	14	\$11,558,520	14	2023-11-30 15:41:32	410w11
tt0120338	Titanic	Jan 2, 1998	1	\$11,698,861	0.01	-3%	2,727	\$4,290	\$135,851,594	15	\$11,698,861	15	2023-11-30 15:41:32	410w11

Action Output

- Time Action Message Duration / Fetch
- 15 03:54:50 SELECT * FROM imdb_src_movie.stg_imdb_name_basics LIMIT 0, 1000 rows(s) returned 0.078 sec / 0.000 sec
- 16 03:56:24 SELECT * FROM imdb_src_movie.stg_imdb_title_akas LIMIT 0, 1000 rows(s) returned 0.096 sec / 0.000 sec
- 17 03:57:01 SELECT * FROM imdb_src_movie.stg_imdb_title_crew LIMIT 0, 1000 rows(s) returned 0.171 sec / 0.016 sec
- 18 03:57:45 SELECT * FROM imdb_src_movie.stg_imdb_title_principal LIMIT 0, 1000 rows(s) returned 0.125 sec / 0.031 sec
- 19 03:58:17 SELECT * FROM imdb_src_movie.stg_imdb_title_ratings LIMIT 0, 1000 rows(s) returned 0.109 sec / 0.016 sec
- 20 03:58:45 SELECT * FROM imdb_src_movie.stg_movies LIMIT 0, 1000 rows(s) returned 0.203 sec / 0.000 sec

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

1 * SELECT count(*) FROM imdb_src_movie.stg_movies;

count(*)
265

Action Output

- Time Action Message Duration / Fetch
- 35 13:38:20 SELECT * FROM imdb_src_movie.stg_imdb_title_principal 4203620 row(s) returned 0.079 sec / 7.812 sec
- 36 13:40:16 SELECT count(*) FROM imdb_src_movie.stg_imdb_title_principal 1row(s) returned 1.359 sec / 0.000 sec
- 37 13:40:37 SELECT * FROM imdb_src_movie.stg_imdb_title_ratings 277171 row(s) returned 0.167 sec / 0.454 sec
- 38 13:40:47 SELECT count(*) FROM imdb_src_movie.stg_imdb_title_ratings 1row(s) returned 0.015 sec / 0.000 sec
- 39 13:41:07 SELECT * FROM imdb_src_movie.stg_movies 265 row(s) returned 0.109 sec / 0.000 sec
- 40 13:41:22 SELECT count(*) FROM imdb_src_movie.stg_movies 1row(s) returned 0.000 sec / 0.000 sec

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator Schemas

Table: stg_movies

Columns:

- tcntit varchar(100)
- title varchar(100)
- Date varchar(100)
- Rank varchar(100)
- Gross varchar(100)
- VD varchar(100)
- LW varchar(100)
- Theaters varchar(100)
- Per_Theater varchar(100)
- Total_Gross varchar(100)
- Days varchar(100)
- DL_CreatedDate datetime
- JobID varchar(100)

Object Info Session

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

1 * SELECT count(*) FROM imdb_src_movie.stg_movies;

count(*)
265

Action Output

- Time Action Message Duration / Fetch
- 35 13:38:20 SELECT * FROM imdb_src_movie.stg_imdb_title_principal 4203620 row(s) returned 0.079 sec / 7.812 sec
- 36 13:40:16 SELECT count(*) FROM imdb_src_movie.stg_imdb_title_principal 1row(s) returned 1.359 sec / 0.000 sec
- 37 13:40:37 SELECT * FROM imdb_src_movie.stg_imdb_title_ratings 277171 row(s) returned 0.167 sec / 0.454 sec
- 38 13:40:47 SELECT count(*) FROM imdb_src_movie.stg_imdb_title_ratings 1row(s) returned 0.015 sec / 0.000 sec
- 39 13:41:07 SELECT * FROM imdb_src_movie.stg_movies 265 row(s) returned 0.109 sec / 0.000 sec
- 40 13:41:22 SELECT count(*) FROM imdb_src_movie.stg_movies 1row(s) returned 0.000 sec / 0.000 sec

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

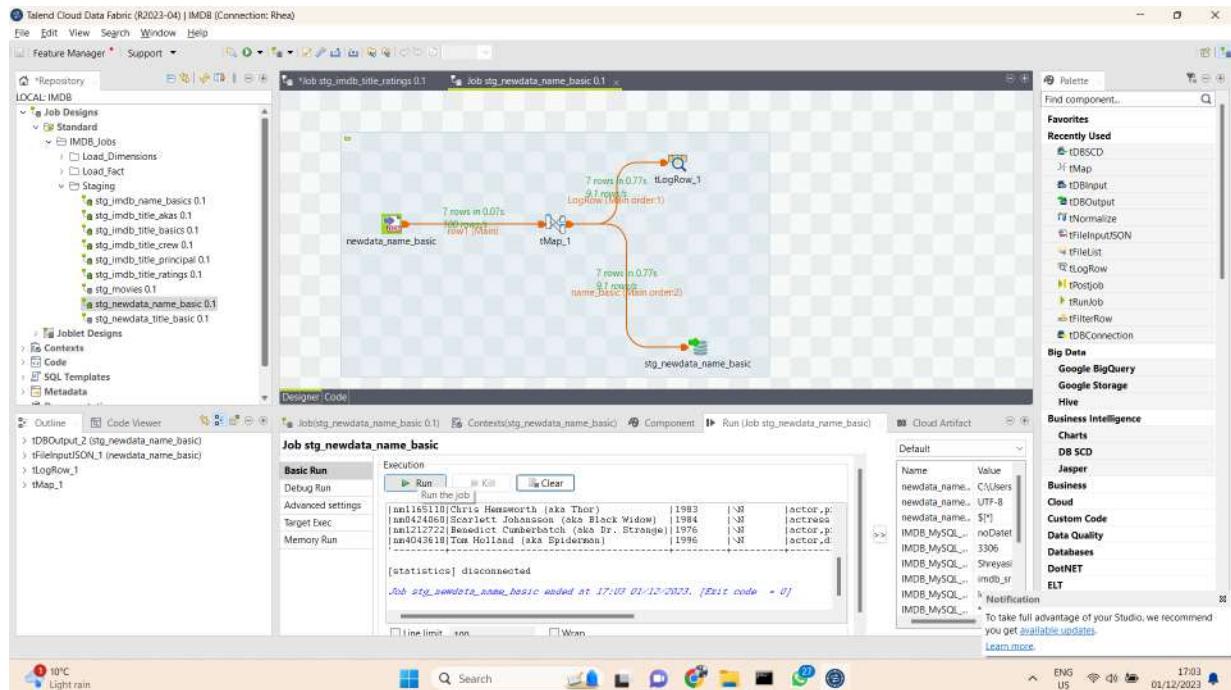
1 * SELECT count(*) FROM imdb_src_movie.stg_movies;

count(*)
265

Action Output

- Time Action Message Duration / Fetch
- 35 13:38:20 SELECT * FROM imdb_src_movie.stg_imdb_title_principal 4203620 row(s) returned 0.079 sec / 7.812 sec
- 36 13:40:16 SELECT count(*) FROM imdb_src_movie.stg_imdb_title_principal 1row(s) returned 1.359 sec / 0.000 sec
- 37 13:40:37 SELECT * FROM imdb_src_movie.stg_imdb_title_ratings 277171 row(s) returned 0.167 sec / 0.454 sec
- 38 13:40:47 SELECT count(*) FROM imdb_src_movie.stg_imdb_title_ratings 1row(s) returned 0.015 sec / 0.000 sec
- 39 13:41:07 SELECT * FROM imdb_src_movie.stg_movies 265 row(s) returned 0.109 sec / 0.000 sec
- 40 13:41:22 SELECT count(*) FROM imdb_src_movie.stg_movies 1row(s) returned 0.000 sec / 0.000 sec

stg_newdata_name_basic



The screenshot shows the MySQL Workbench interface with the following details:

- Title Bar:** MySQL Workbench
- Left Sidebar:** Schemas, Navigator, Administration, and Information.
- Central Area:** Result Grid showing the output of the following SQL query:


```
1 • SELECT * FROM imbd_src_movie.stg_newdata_name_basic;
```

ncnconst	primaryName	birthYear	deathYear	primaryProfession	knownForTitles	DL_CreatedDate	JobID
nm0000375	Robert Downey Jr. (aka Iron Man)	1965		actor,producer,soundtrack	tt371746,tt414756,tt1300854,tt0988045	2023-11-30 15:55:23	ffrc7u
nm02635	Chris Evans (aka Captain America)	1981		actor,producer,soundtrack	tt2395427,tt0483359,tt3498820,tt0848228	2023-11-30 15:55:23	ffrc7u
nm0749263	Mark Ruffalo (aka Hulk)	1967		actor,producer,soundtrack	tt0848228,tt1100089,tt1895587,tt0842926	2023-11-30 15:55:23	ffrc7u
nm1185110	Chris Hemsworth (aka Thor)	1983		actor,producer,soundtrack	tt1798709,tt335266,tt0848228,tt162346	2023-11-30 15:55:23	ffrc7u
nm0424060	Scarlett Johansson (aka Black Widow)	1984		actress,soundtrack,producer	tt1408101,tt2084970,tt1211837,tt1322269	2023-11-30 15:55:23	ffrc7u
nm1212722	Benedict Cumberbatch (aka Dr. Strange)	1976		actor,producer,soundtrack	tt1649419,tt6320628,tt2250912,tt3498820	2023-11-30 15:55:23	ffrc7u
nm043618	Tom Holland (aka Spiderman)	1996		actor,director,producer			
- Right Sidebar:** Help and context information.

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator Schemas

Table: stg_newdata_name_basic

Columns:

- name: varchar(9)
- primaryName: varchar(30)
- birthYear: int
- deathYear: varchar(2)
- primaryProfession: varchar(30)
- knownForTitles: varchar(100)
- DL_CreatedDate: datetime
- JobID: varchar(100)

Action Output

#	Time	Action	Message	Duration / Epoch
37	13:40:36	SELECT * FROM imbd_src_movie.stg_imdb_title_ratings	277171 rows(s) returned	0.187 sec / 0.484 sec
38	13:40:47	SELECT count(*) FROM imbd_src_movie.stg_imdb_title_ratings	1 row(s) returned	0.015 sec / 0.000 sec
39	13:41:07	SELECT * FROM imbd_src_movie.stg_movies	269 row(s) returned	0.109 sec / 0.000 sec
40	13:41:22	SELECT count(*) FROM imbd_src_movie.stg_movies	1 row(s) returned	0.000 sec / 0.000 sec
41	13:41:43	SELECT * FROM imbd_src_movie.stg_newdata_name_basic	7 row(s) returned	0.110 sec / 0.000 sec
42	13:41:52	SELECT count(*) FROM imbd_src_movie.stg_newdata_name_basic	1 row(s) returned	0.000 sec / 0.000 sec

Result Grid | Filter Active | Export | Wrap Cell Content | Result Grid | Form Editor | Field Type | Read Only | Context Help | Snippets

Object Info Session

13°C Cloudy ENG US 13:41 01/12/2023

stg_newdata_title_basic

Talend Cloud Data Fabric (R2023-04) | IMDB (Connection: Rhea)

File Edit View Search Window Help

Feature Manager Support

Repository LOCAL: IMDB

Job Designs Standard IMDB_Jobs Load_Dimensions Load_Fact Staging stg_imdb_name_basic_0.1 stg_imdb_title_akas_0.1 stg_imdb_title_basic_0.1 stg_imdb_title_crew_0.1 stg_imdb_title_principal_0.1 stg_imdb_title_ratings_0.1 stg_movies_0.1 stg_newdata_name_basic_0.1 stg_newdata_title_basic_0.1 Joblet Designs Contexts SQL Templates Metadata

Job stg_newdata_title_basic

Basic Run Execution

Run Kill Clear

Execution Log:

```
ttt2488896 movie |Star Wars: Episode VII - The Force Awakens (2015)|Star Wars: The Force Awakens (2015)
ttt4154756 movie |Avengers: Infinity War (2018)|Avengers: Infinity War (2018)
ttt4154795 movie |Avengers: Endgame (2019)|Avengers: Endgame (2019)
ttt0120330 movie |[Titanic (1997) remake]|Titanic (1997) remake
```

[statistics] disconnected

Job stg_newdata_title_basic ended at 17:04 01/12/2023. [Exit code = 0]

Advanced settings Target Exec Memory Run

Component Run (Job stg_newdata_title_basic) Cloud Artifact

Palette Find component... Favorites Recently Used tBSCD tMap tBInput tBOutput tNormalize tFileInputJSON tLogRow tPostJob tRunJob tFilterRow tBConnection Big Data Google BigQuery Google Storage Hive Business Intelligence Charts DB SCDF Jasper Business Cloud Custom Code Data Quality Databases DotNET ELT

Name Value

newdata_title_0.1	C:\Users\Shreyasi
newdata_title_0.1	UTF-8
newdata_title_0.1	\$data*
IMDB_MySQL_	noDate
IMDB_MySQL_	3306
IMDB_MySQL_	Shreyasi
IMDB_MySQL_	imbd_sr
IMDB_MySQL_	Notification

To take full advantage of your Studio, we recommend you get available updates. Learn more.

10°C Light rain ENG US 17:04 01/12/2023

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

Schemas

Table: stg_newdata_title_basic

Columns:

- tcnID: varchar(10)
- titleType: varchar(5)
- primaryTitle: varchar(49)
- originalTitle: varchar(42)
- adult: int
- startYear: int
- endYear: int
- runtimeMinutes: int
- genres: varchar(24)
- DL_CreatedDate: datetime
- JobID: varchar(100)

Result Grid

1 • SELECT * FROM imbd_src_movie.stg_newdata_title_basic;

tcnID	titleType	primaryTitle	originalTitle	adult	startYear	endYear	runtimeMinutes	genres
t0120338	movie	Titanic (1997)	Titanic	0	1997	W	194	Drama,Romance
t0499549	movie	Avatar (2009)	Avatar	0	2009	W	162	Action,Adventure,Fant
t0584228	movie	The Avengers (2012)	The Avengers	0	2012	W	143	Action,Adventure,Sci-F
t10872600	movie	Spider-Man: No Way Home (2021)	Spider-Man: No Way Home	0	2021	W	148	Action,Adventure,Fant
t1325683	movie	Black Panther (2018)	Black Panther	0	2018	W	134	Action,Adventure,Sci-F
t2395427	movie	Avengers: Age of Ultron (2015)	Avengers: Age of Ultron	0	2015	W	141	Action,Adventure,Sci-F
t2488496	movie	Star Wars: Episode VII - The Force Awakens (2015)	Star Wars: Episode VII - The Force Awakens	0	2015	W	138	Action,Adventure,Sci-F
t4150756	movie	Avengers: Infinity War (2018)	Avengers: Infinity War	0	2018	W	149	Action,Adventure,Sci-F
t4154796	movie	Avengers: Endgame (2019)	Avengers: Endgame	0	2019	W	181	Action,Adventure,Dram
t0120338	movie	Titanic (1997) remake	Titanic	0	1997	W	194	Drama,Romance

Object Info Session

6°C Mostly clear

Read Only Context Help Snippets

04:00 01/12/2023

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

Schemas

Table: stg_newdata_title_basic

Columns:

- tcnID: varchar(10)
- titleType: varchar(5)
- primaryTitle: varchar(49)
- originalTitle: varchar(42)
- adult: int
- startYear: int
- endYear: int
- runtimeMinutes: int
- genres: varchar(24)
- DL_CreatedDate: datetime
- JobID: varchar(100)

Result Grid

1 • SELECT count(*) FROM imbd_src_movie.stg_newdata_title_basic;

Execute the selected portion of the script or everything, if there is no selection.

count(*)
10

Result 2

Output

40 13:41:07 SELECT count(*) FROM imbd_src_movie.stg_movies

41 13:41:22 SELECT count(*) FROM imbd_src_movie.stg_newdata_name_basic

42 13:41:52 SELECT count(*) FROM imbd_src_movie.stg_newdata_name_basic

43 13:42:07 SELECT count(*) FROM imbd_src_movie.stg_newdata_stle_basic

44 13:42:15 SELECT count(*) FROM imbd_src_movie.stg_newdata_stle_basic

Message Duration / Fetch

265 row(s) returned 0.109 sec / 0.000 sec

1 row(s) returned 0.000 sec / 0.000 sec

7 row(s) returned 0.110 sec / 0.000 sec

1 row(s) returned 0.000 sec / 0.000 sec

10 row(s) returned 0.281 sec / 0.000 sec

1 row(s) returned 0.000 sec / 0.000 sec

Object Info Session

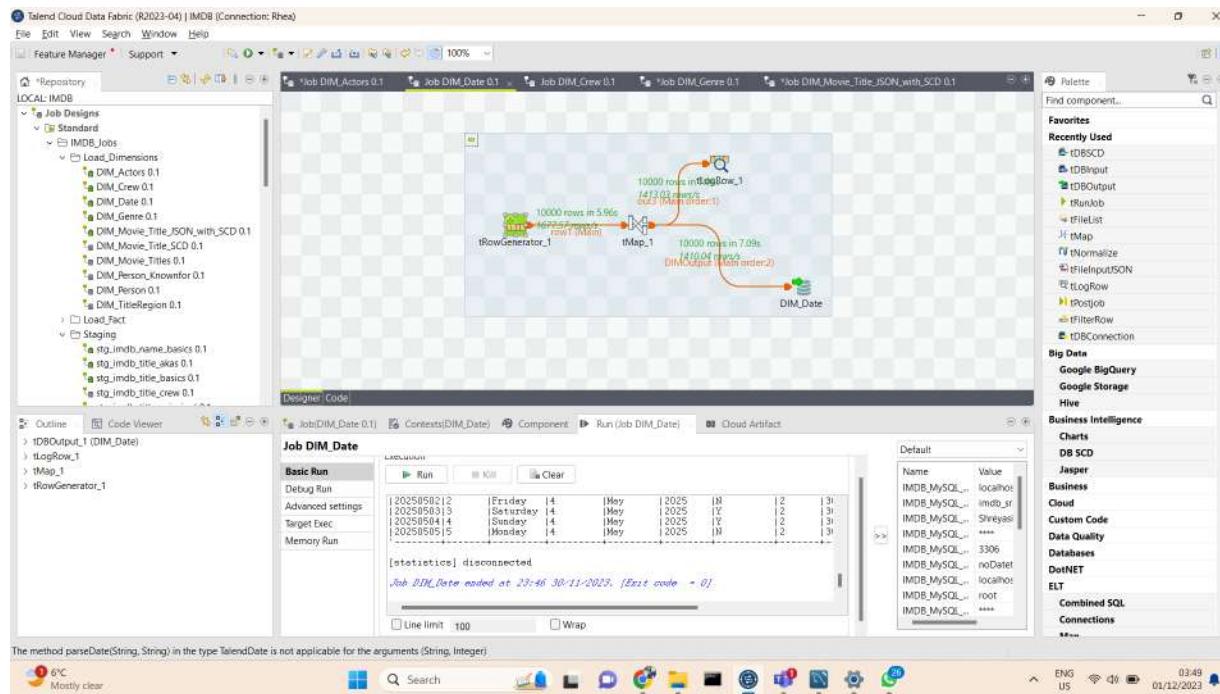
13°C Cloudy

Read Only Context Help Snippets

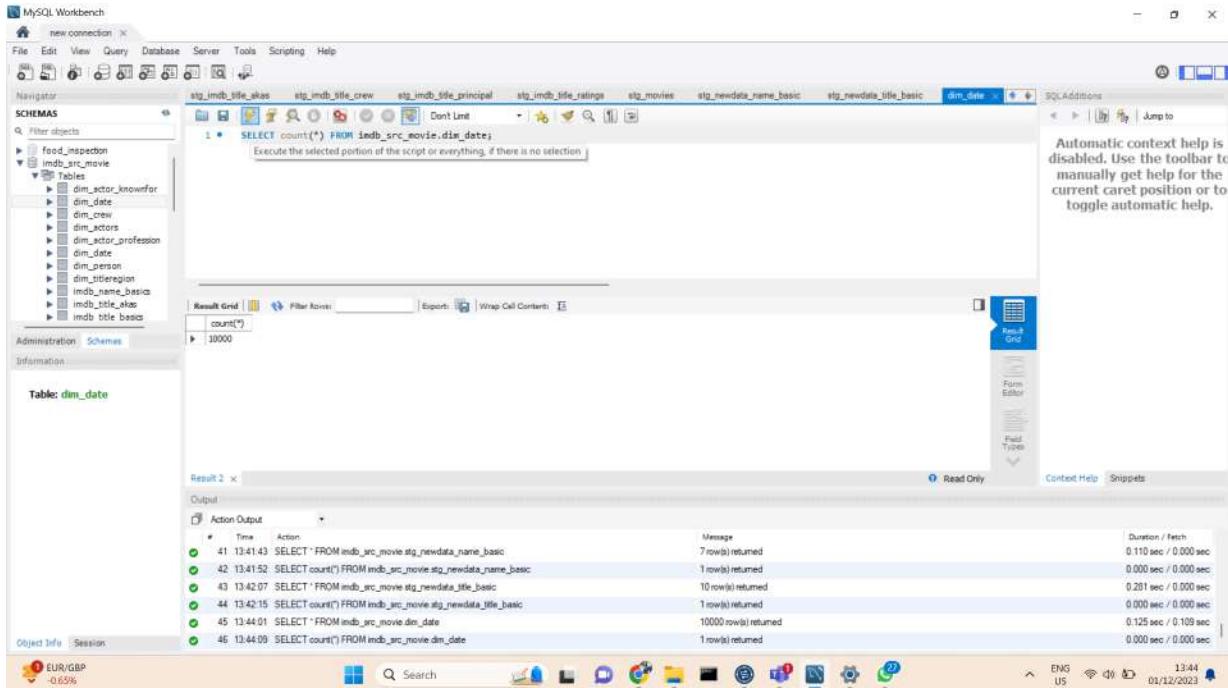
13:42 01/12/2023

Dim Tables:

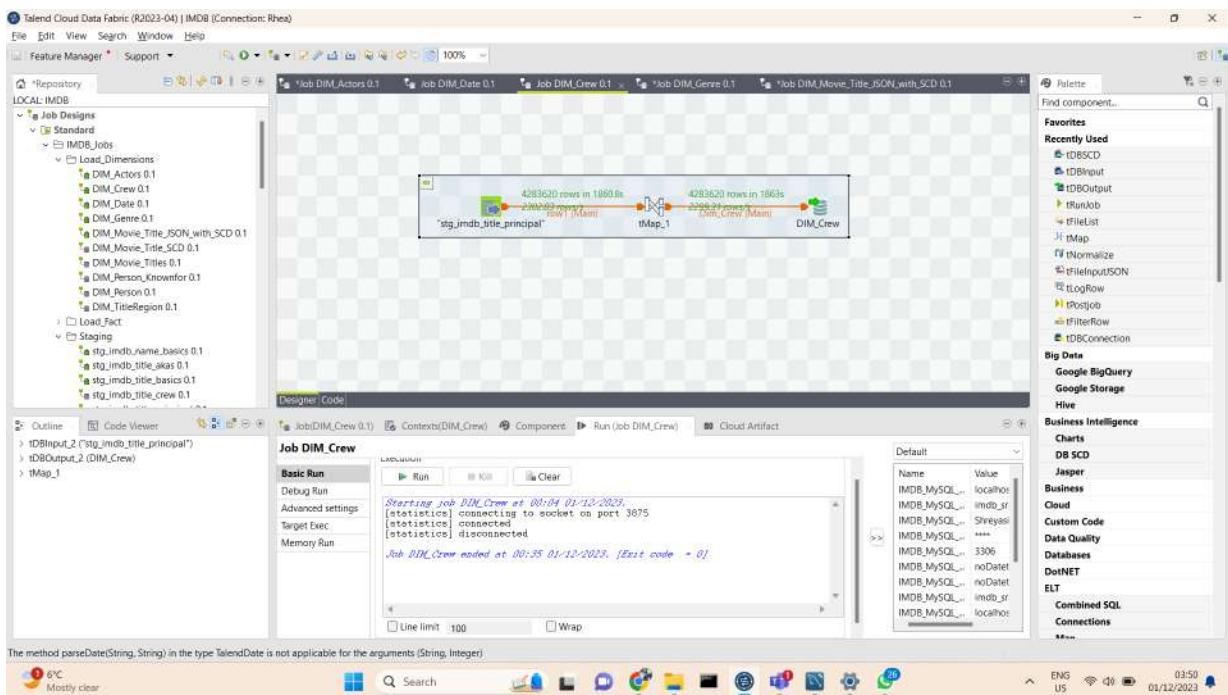
DIM Date:



The screenshot shows the MySQL Workbench interface with the dim_date table selected. The results grid displays data for various dates, including December 19, 1997, through January 2, 1998. The table structure is visible on the left, and the SQL pane shows the query used to retrieve the data.



DIM Crew:



MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator Schemas

Table: dim_crew

Result Grid

CrewID	iconID	ncname	category	DL_CreatedDate	JobID
1	tt0000562	nm0215752	actor	2023-12-01 00:04:40	9886Q
2	tt0000562	nm0352720	actor	2023-12-01 00:04:40	9886Q
3	tt0000562	nm0480924	director	2023-12-01 00:04:40	9886Q
4	tt0000562	nm0493768	producer	2023-12-01 00:04:40	9886Q
5	tt0000562	nm0975288	writer	2023-12-01 00:04:40	9886Q
6	tt0000574	nm0946887	actress	2023-12-01 00:04:40	9886Q
7	tt0000574	nm0946894	actor	2023-12-01 00:04:40	9886Q
8	tt0000574	nm1411229	actor	2023-12-01 00:04:40	9886Q
9	tt0000574	nm302376	actor	2023-12-01 00:04:40	9886Q
10	tt0000574	nm0946879	director	2023-12-01 00:04:40	9886Q
11	tt0000574	nm0117210	producer	2023-12-01 00:04:40	9886Q
12	tt0000574	nm045854	producer	2023-12-01 00:04:40	9886Q
13	tt0000574	nm0846911	producer	2023-12-01 00:04:40	9886Q
14	tt0000574	nm241834	composer	2023-12-01 00:04:40	9886Q
15	tt0000574	nm0875239	cinemat...	2023-12-01 00:04:40	9886Q

dim_crew 1 x

Action Output

Time	Action	Message	Duration / Fetch
3 22:12:52	DROP TABLE `imdb_src_movie`.`dim_actors`	0 row(s) affected	0.204 sec
4 22:13:00	DROP TABLE `imdb_src_movie`.`dim_crew`	0 row(s) affected	0.094 sec
5 22:52:01	SELECT * FROM `imdb_src_movie`.`stg_imdb_name_basics` LIMIT 0, 1000	1000 row(s) returned	0.047 sec / 0.000 sec
6 03:48:53	SELECT * FROM `imdb_src_movie`.`dim_actors` LIMIT 0, 1000	1000 row(s) returned	0.125 sec / 0.070 sec
7 03:49:57	SELECT * FROM `imdb_src_movie`.`dim_date` LIMIT 0, 1000	1000 row(s) returned	0.047 sec / 0.031 sec
8 03:50:56	SELECT * FROM `imdb_src_movie`.`dim_crew` LIMIT 0, 1000	1000 row(s) returned	0.078 sec / 0.000 sec

Object Info Session

6°C Mostly clear

03:51 01/12/2023

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator Schemas

Table: dim_crew

Result Grid

count(*)
4283620

Result 2 x

Action Output

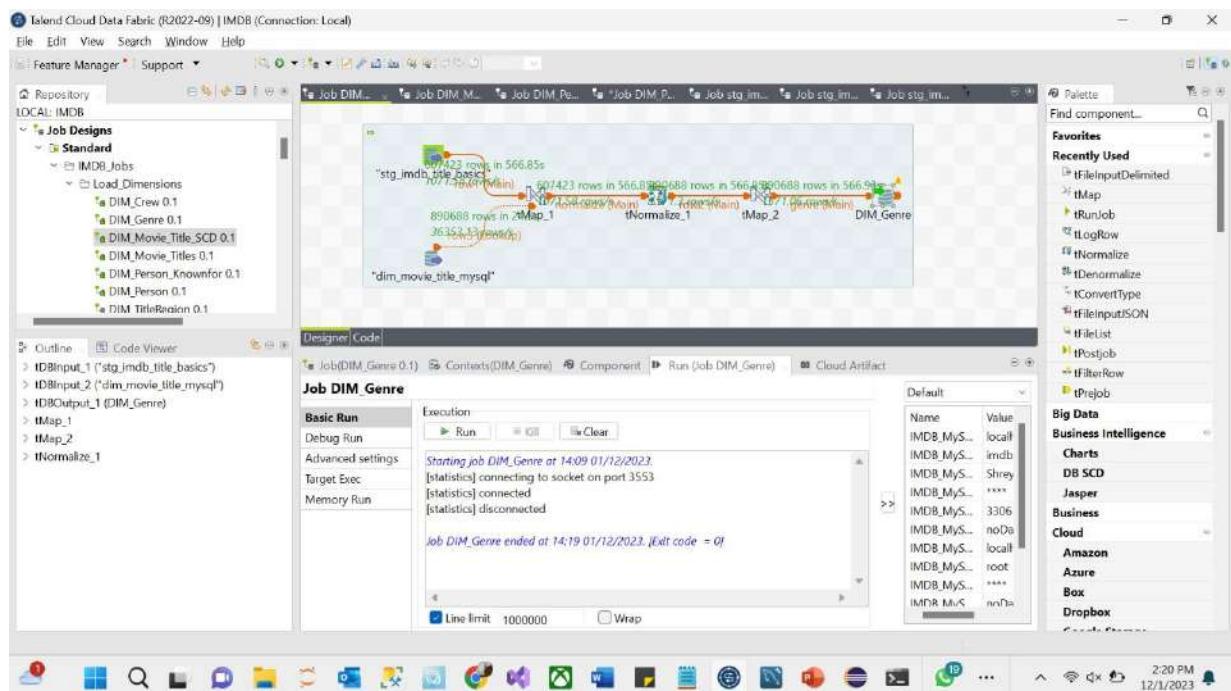
Time	Action	Message	Duration / Fetch
43 13:42:07	SELECT * FROM `imdb_src_movie`.`stg_newdata_title_basic`	10 row(s) returned	0.281 sec / 0.000 sec
44 13:42:15	SELECT count(*) FROM `imdb_src_movie`.`stg_newdata_title_basic`	1 row(s) returned	0.000 sec / 0.000 sec
45 13:44:01	SELECT * FROM `imdb_src_movie`.`dim_date`	10000 row(s) returned	0.125 sec / 0.109 sec
46 13:44:09	SELECT count(*) FROM `imdb_src_movie`.`dim_date`	1 row(s) returned	0.000 sec / 0.000 sec
47 13:45:05	SELECT * FROM `imdb_src_movie`.`dim_crew`	4283620 row(s) returned	0.156 sec / 4.406 sec
48 13:46:19	SELECT count(*) FROM `imdb_src_movie`.`dim_crew`	1 row(s) returned	0.157 sec / 0.000 sec

Object Info Session

12°C Cloudy

13:46 01/12/2023

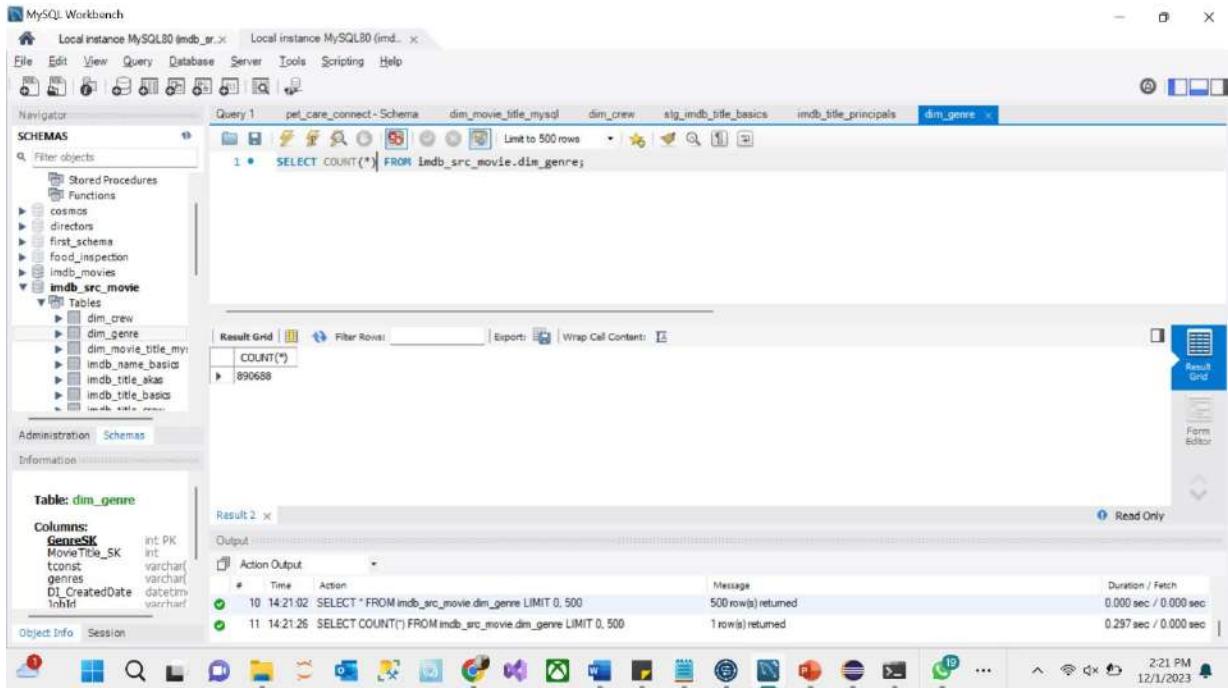
DIM Genre:



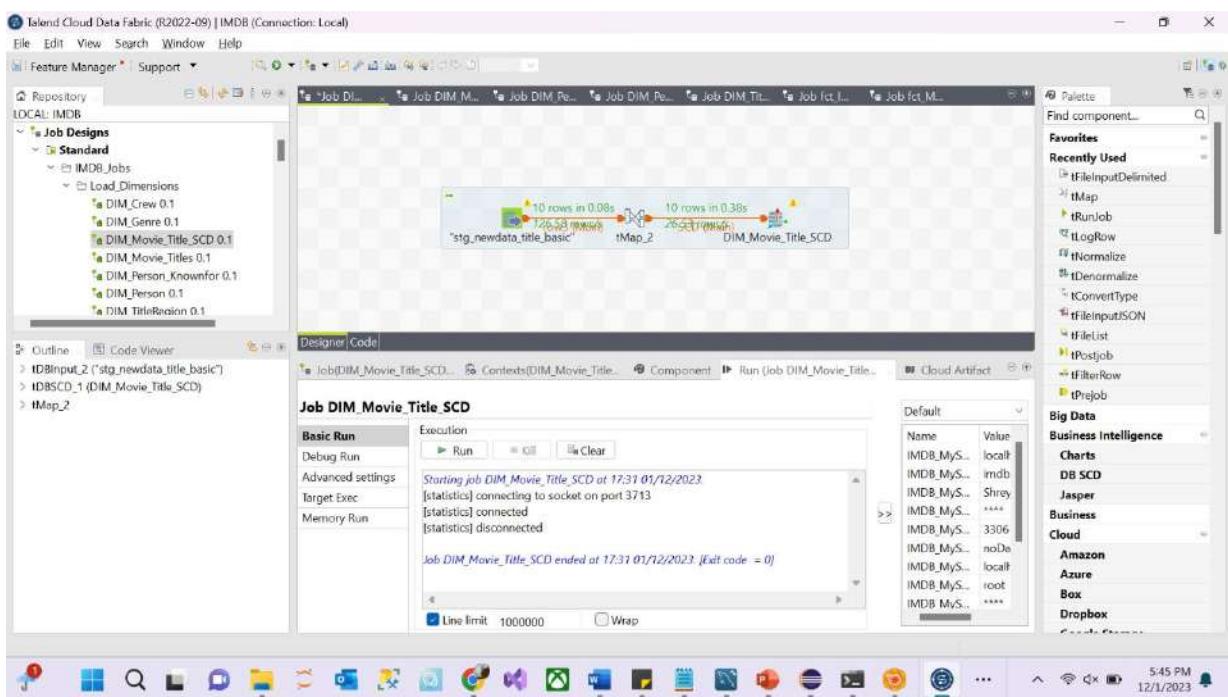
The screenshot shows the MySQL Workbench interface. The left sidebar displays the Navigator and Schemas. The Schemas pane shows the 'imdb_src_movie' schema containing tables like 'dim_genre'. The central area shows the 'dim_genre' table with the following data:

GenreSK	MovieTitle_SK	tconst	genres	DT_CreatedDate	JobId
1	2	t0000502		2023-12-01 14:10:21	WSyPBx
2	6	t0000574	Action	2023-12-01 14:10:21	WSyPBx
3	6	t0000574	Adventure	2023-12-01 14:10:21	WSyPBx
4	6	t0000574	Biography	2023-12-01 14:10:21	WSyPBx
5	8	t0000591	Drama	2023-12-01 14:10:21	WSyPBx
6	10	t0000615	Drama	2023-12-01 14:10:21	WSyPBx
7	12	t0000630	Drama	2023-12-01 14:10:21	WSyPBx
8	14	t0000675	Drama	2023-12-01 14:10:21	WSyPBx

The bottom pane shows the 'Recent' tab of the Query Editor, displaying two recent actions: a drop table operation and a select query from the 'dim_genre' table.



DIM Movie Title SCD:



MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Tables

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

1 • SELECT * FROM imdb_src_movie.dim_movie_title;

tconst	titleType	primaryTitle	originalTitle	isAdult	runtmeMinutes	Dt_CreatedDate	JobID	scd_sb
t0120338	movie	Titanic (1997)	Titanic	0	194	2023-12-01 14:24:13	rgq7bz	1997-01-01
t0149549	movie	Avatar (2009)	Avatar	0	162	2023-12-01 14:24:13	rgq7bz	2009-01-01
t0104828	movie	The Avengers (2012)	The Avengers	0	143	2023-12-01 14:24:13	rgq7bz	2012-01-01
t010872600	movie	Spider-Man: No Way Home (2021)	Spider-Man: No Way Home	0	148	2023-12-01 14:24:13	rgq7bz	2021-01-01
t011825683	movie	Black Panther (2018)	Black Panther	0	134	2023-12-01 14:24:13	rgq7bz	2018-01-01
t012395427	movie	Avengers: Age of Ultron (2015)	Avengers: Age of Ultron	0	141	2023-12-01 14:24:13	rgq7bz	2015-01-01
t012488496	movie	Star Wars: Episode VII - The Force Awakens (2015)	Star Wars: Episode VII - The Force Awakens	0	138	2023-12-01 14:24:13	rgq7bz	2015-01-01

Result Grid | Filter Rows | Edit: | Export/Import: | Wrap Cell Content: |

1 • SELECT * FROM imdb_src_movie.dim_movie_title LIMIT 0, 500

Action Output:

- # Time Action Message Duration / Fetch
- 990 17:27:18 SELECT * FROM imdb_src_movie.dim_movie_title LIMIT 0, 500 500 row(s) returned 0.000 sec / 0.000 sec
- 991 17:30:20 SELECT * FROM imdb_src_movie.dim_movie_title LIMIT 0, 500 10 row(s) returned 0.031 sec / 0.000 sec

Object Info Session

5:30 PM 12/1/2023

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Tables

Result Grid | Filter Rows | Export: | Wrap Cell Content: |

1 • SELECT count(*) FROM imdb_src_movie.dim_movie_title;

count(*)
10

Result 2 | Read Only

Output:

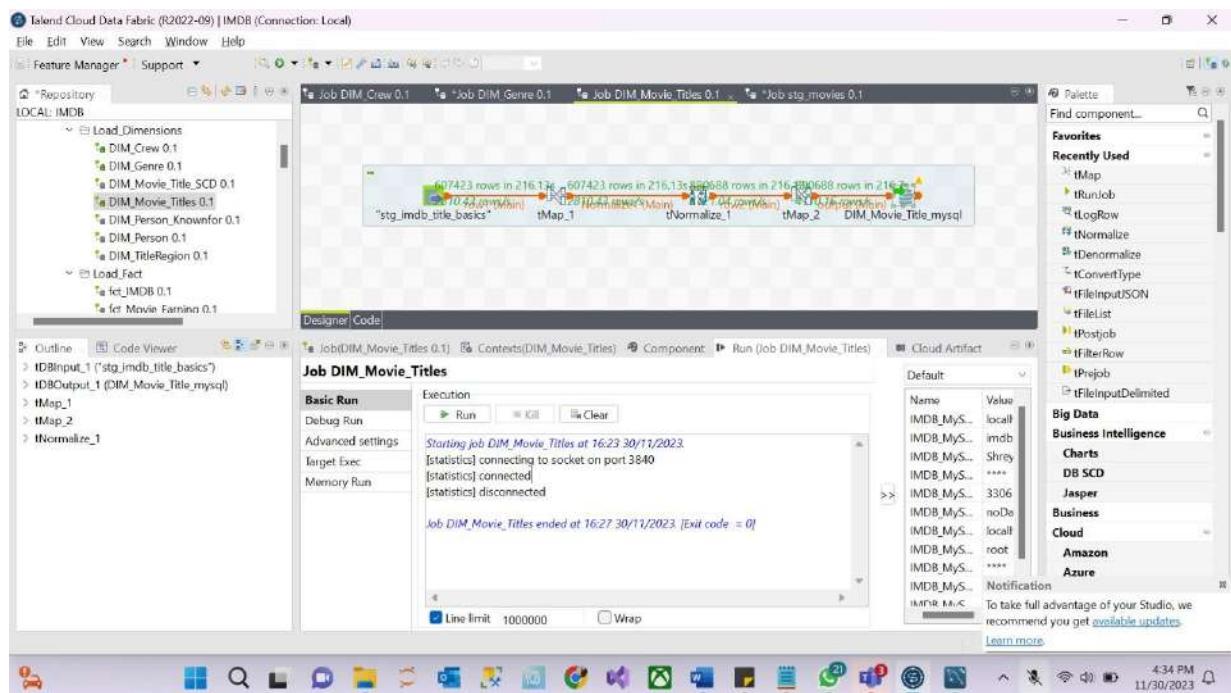
Action Output:

- # Time Action Message Duration / Fetch
- 991 17:30:20 SELECT * FROM imdb_src_movie.dim_movie_title LIMIT 0, 500 10 row(s) returned 0.031 sec / 0.000 sec
- 992 17:31:36 SELECT count(*) FROM imdb_src_movie.dim_movie_title LIMIT 0, 500 1 row(s) returned 0.000 sec / 0.000 sec

Object Info Session

5:31 PM 12/1/2023

DIM Movie Titles:

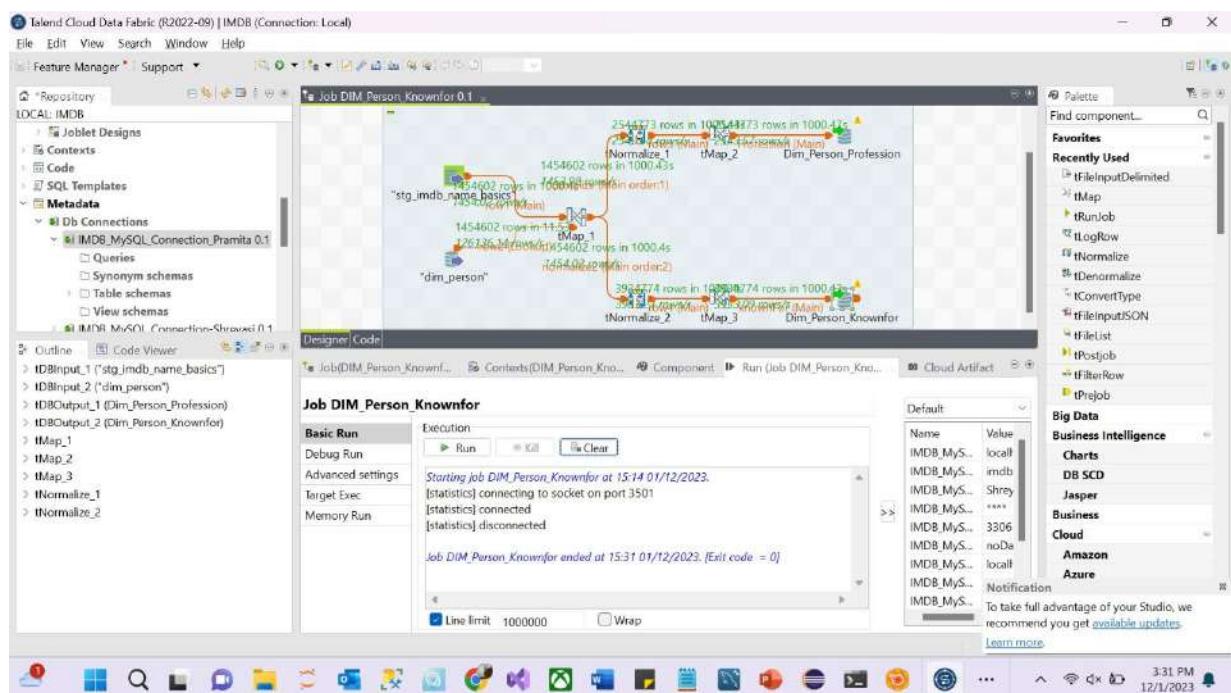


The screenshot shows the MySQL Workbench interface with the following details:

- Title Bar:** MySQL Workbench
- Toolbar:** File, Edit, View, Query, Database, Server, Tools, Scripting, Help
- Navigator:** Schemas
 - cosmos
 - directors
 - first_schema
 - food_inspection
 - imdb_movies
 - imdb_src_movie
 - Tables
 - dim_crew
 - dim_movie_title_my
 - imdb_name_basics
 - imdb_title_akas
 - imdb_title_basics
 - imdb_title_crew
 - imdb_title_principals
 - imdb_title_ratings
- Query Editor:**
 - Query 1: SELECT * FROM imdb_src_movie.dim_movie_title_mysql;
 - Result Grid:

MovieTitle_SK	tconst	titleType	primaryTitle	originalTitle	isAdult	scd_start	endYear	runtimeMinutes	genres	DI_
2	tt0000502	movie	Bohemian	Bohemian	0	1905-01-01 00:00:00.0	1905	100	Action	202
4	tt0000574	movie	The Story of the Kelly Gang	The Story of the Kelly Gang	0	1906-01-01 00:00:00.0	1906	70	Action	202
5	tt0000574	movie	The Story of the Kelly Gang	The Story of the Kelly Gang	0	1906-01-01 00:00:00.0	1906	70	Adventure	202
6	tt0000574	movie	The Story of the Kelly Gang	The Story of the Kelly Gang	0	1906-01-01 00:00:00.0	1906	70	Biography	202
8	tt0000591	movie	The Prodigal Son	L'enfant prodige	0	1907-01-01 00:00:00.0	1907	90	Drama	202
10	tt0000615	movie	Robbery Under Arms	Robbery Under Arms	0	1907-01-01 00:00:00.0	1907	90	Drama	202
12	tt0000630	movie	Hamlet	Hamlet	0	1908-01-01 00:00:00.0	1908	90	Drama	202
 - Output:**
 - Action Output:
 - 1 23:43:26 Apply changes to Pet_Care_Connect
 - 2 14:07:21 SELECT * FROM imdb_src_movie.dim_movie_title_mysql LIMIT 0.500
 - Message: Changes applied
 - Duration / Fetch: 0.000 sec / 0.000 sec

DIM Person Known for:



MySQL Workbench

Local instance MySQL80 (imd... X

Schemas

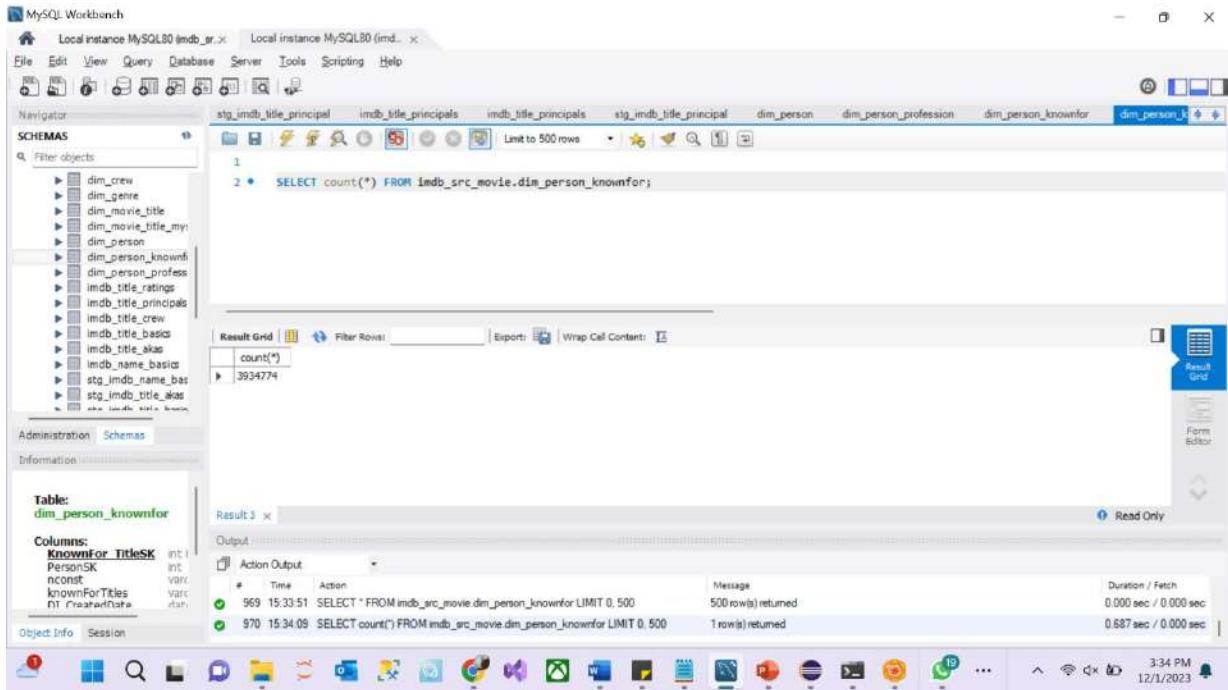
Table: dim_person_knownfor

Columns:

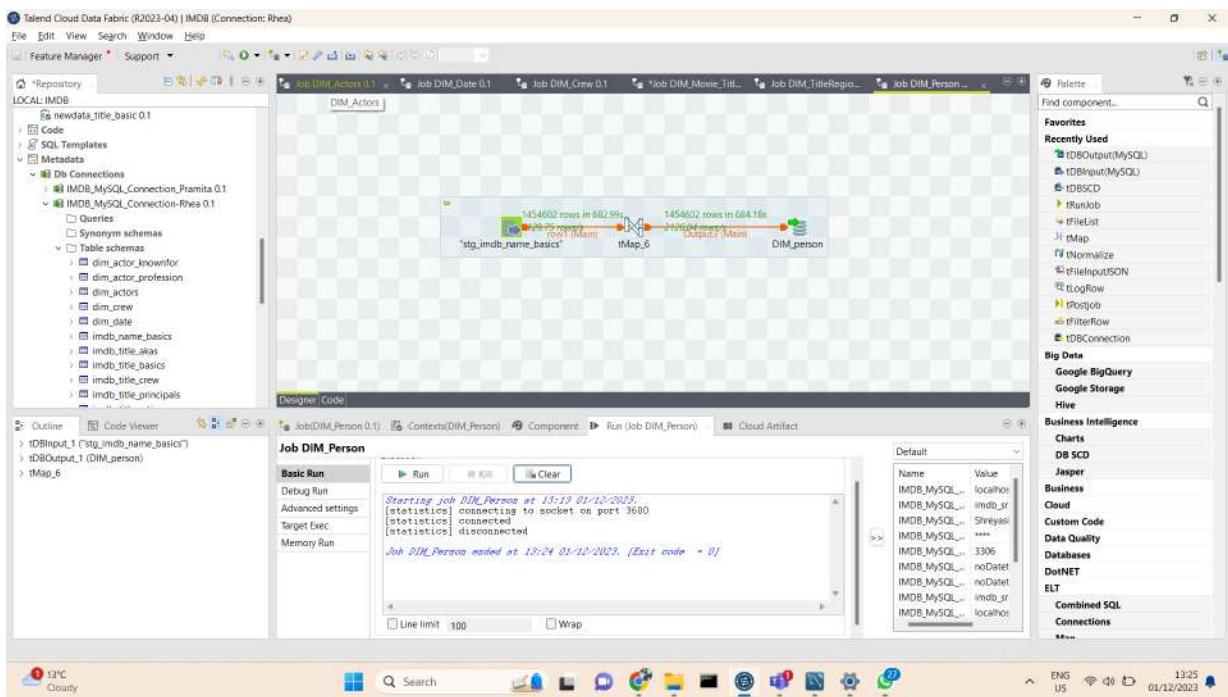
KnownFor_TitleSK	PersonSK	nconst	knownForTitles	DI_CreatedDate	JobID
4	1	nm0000001	tt0072308	2023-12-01 15:14:58	BopmRU
5	1	nm0000001	tt0053137	2023-12-01 15:14:58	L
6	1	nm0000001	tt0050419	2023-12-01 15:14:58	BopmRU
7	1	nm0000001	tt0031983	2023-12-01 15:14:58	BopmRU
10	2	nm0000002	tt0038355	2023-12-01 15:14:58	BopmRU
11	2	nm0000002	tt117057	2023-12-01 15:14:58	BopmRU
12	2	nm0000002	tt0071877	2023-12-01 15:14:58	BopmRU
13	2	nm0000002	tt0037382	2023-12-01 15:14:58	BopmRU

Output:

#	Time	Action	Message	Duration / Fetch
968	15:33:00	SELECT * FROM imdb_src_movie.dim_person_knownfor LIMIT 0, 500	500 row(s) returned	0.000 sec / 0.000 sec
969	15:33:51	SELECT * FROM imdb_src_movie.dim_person_knownfor LIMIT 0, 500	500 row(s) returned	0.000 sec / 0.000 sec



DIM Person:



MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

Table: dim_person

Columns:

PersonSK	int PK
ncnct	varchar(10)
primaryName	varchar(255)
birthYear	datetime
deathYear	datetime
D1_CreatedDate	datetime
JobID	varchar(100)

Result Grid

PersonSK	ncnct	primaryName	birthYear	deathYear	D1_CreatedDate	JobID
1	rm00000001	Fred Astaire	1899-01-01 00:00:00	1987-01-01 00:00:00	2023-12-01 13:13:36	76gFt
2	rm00000002	Lauren Bacall	1924-01-01 00:00:00	2014-01-01 00:00:00	2023-12-01 13:13:36	76gFt
3	rm00000003	Brigitte Bardot	1934-01-01 00:00:00		2023-12-01 13:13:36	76gFt
4	rm00000004	John Belushi	1949-01-01 00:00:00	1982-01-01 00:00:00	2023-12-01 13:13:36	76gFt
5	rm00000005	Ingrid Bergman	1918-01-01 00:00:00	2007-01-01 00:00:00	2023-12-01 13:13:36	76gFt
6	rm00000006	Ingrid Bergman	1918-01-01 00:00:00	1982-01-01 00:00:00	2023-12-01 13:13:36	76gFt
7	rm00000007	Humphrey Bogart	1899-01-01 00:00:00	1957-01-01 00:00:00	2023-12-01 13:13:36	76gFt
8	rm00000008	Marlon Brando	1924-01-01 00:00:00	2004-01-01 00:00:00	2023-12-01 13:13:36	76gFt
9	rm00000009	Richard Burton	1925-01-01 00:00:00	1984-01-01 00:00:00	2023-12-01 13:13:36	76gFt
10	rm00000010	James Cagney	1899-01-01 00:00:00	1986-01-01 00:00:00	2023-12-01 13:13:36	76gFt
11	rm00000011	Gary Cooper	1901-01-01 00:00:00	1961-01-01 00:00:00	2023-12-01 13:13:36	76gFt
12	rm00000012	Bette Davis	1908-01-01 00:00:00	1989-01-01 00:00:00	2023-12-01 13:13:36	76gFt
13	rm00000013	Doris Day	1922-01-01 00:00:00	2019-01-01 00:00:00	2023-12-01 13:13:36	76gFt
14	rm00000014	Olivia de Havilland	1916-01-01 00:00:00	2020-01-01 00:00:00	2023-12-01 13:13:36	76gFt
15	rm00000015	Thomas Fawcett	1911-11-21 00:00:00	1944-11-21 00:00:00	2023-12-01 13:13:36	76gFt

Action Output

Time	Action	Message	Duration / Fetch
21 03:59:26	SELECT * FROM imbd_src_movie.stg_newdata_name_basic LIMIT 0, 1000	7 row(s) returned	0.141 sec / 0.000 sec
22 03:59:53	SELECT * FROM imbd_src_movie.stg_newdata_title_basic LIMIT 0, 1000	10 row(s) returned	0.125 sec / 0.000 sec
23 04:39:09	SELECT * FROM imbd_src_movie.dim_actor_profession LIMIT 0, 1000	1000 row(s) returned	0.063 sec / 0.000 sec
24 04:39:29	SELECT * FROM imbd_src_movie.dim_tffregion LIMIT 0, 1000	1000 row(s) returned	0.047 sec / 0.000 sec
25 13:26:37	SELECT * FROM imbd_src_movie.dim_person LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec
26 13:26:45	SELECT * FROM imbd_src_movie.dim_person	1454602 row(s) returned	0.016 sec / 2.328 sec
27 13:27:12	SELECT () FROM imbd_src_movie.dim_person	Error Code: 1064: You have an error in your SQL syntax; check the manual that corresponds to your MySQL s...	0.093 sec
28 13:27:22	SELECT count(*) FROM imbd_src_movie.dim_person	1 row(s) returned	0.766 sec / 0.000 sec

Object Info Session

13°C Cloudy 13:26 01/12/2023

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

Table: dim_person

Columns:

PersonSK	int PK
ncnct	varchar(10)
primaryName	varchar(255)
birthYear	datetime
deathYear	datetime
D1_CreatedDate	datetime
JobID	varchar(100)

Result Grid

count(*)
1454602

Action Output

Time	Action	Message	Duration / Fetch
23 04:39:09	SELECT * FROM imbd_src_movie.dim_actor_profession LIMIT 0, 1000	1000 row(s) returned	0.063 sec / 0.015 sec
24 04:39:29	SELECT * FROM imbd_src_movie.dim_tffregion LIMIT 0, 1000	1000 row(s) returned	0.047 sec / 0.000 sec
25 13:26:37	SELECT * FROM imbd_src_movie.dim_person LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec
26 13:26:45	SELECT * FROM imbd_src_movie.dim_person	1454602 row(s) returned	0.016 sec / 2.328 sec
27 13:27:12	SELECT () FROM imbd_src_movie.dim_person	Error Code: 1064: You have an error in your SQL syntax; check the manual that corresponds to your MySQL s...	0.093 sec
28 13:27:22	SELECT count(*) FROM imbd_src_movie.dim_person	1 row(s) returned	0.766 sec / 0.000 sec

Object Info Session

13°C Cloudy 13:27 01/12/2023

DIM Person Profession:

The screenshot shows the MySQL Workbench interface with two tabs open: Local instance MySQL80 (imdb_src) and Local instance MySQL80 (imdb). The left sidebar displays the schema structure, including tables like dim_crew, dim_genre, and dim_person_profession. The main pane shows the results of a query:

```
1 •  SELECT * FROM imdb_src_movie.dim_person_profession;
```

The Result Grid shows the following data:

ProfessionSK	PersonSK	nconst	primaryProfession	DT_CreatedDate	JobID
1	1	nm0000001	soundtrack	2023-12-01 15:14:58	BopnRU
2	1	nm0000001	actor	2023-12-01 15:14:58	BopnRU
3	1	nm0000001	miscellaneous	2023-12-01 15:14:58	BopnRU
8	2	nm0000002	actress	2023-12-01 15:14:58	BopnRU
9	2	nm0000002	soundtrack	2023-12-01 15:14:58	BopnRU
14	3	nm0000003	actress	2023-12-01 15:14:58	BopnRU
15	3	nm0000003	soundtrack	2023-12-01 15:14:58	BopnRU
16	3	nm0000003	music_department	2023-12-01 15:14:58	BopnRU
17	4	nm0000004	actor	2023-12-01 15:14:58	BopnRU

The Output pane shows the following log entries:

- 965 15:10:33 SELECT * FROM imdb_src_movie.dim_person_profession LIMIT 0, 500 500 row(s) returned 0.016 sec / 0.000 sec
- 966 15:32:42 SELECT * FROM imdb_src_movie.dim_person_profession LIMIT 0, 500 500 row(s) returned 0.016 sec / 0.000 sec

The screenshot shows the MySQL Workbench interface with two tabs open: Local instance MySQL80 (imdb_src) and Local instance MySQL80 (imdb). The left sidebar displays the schema structure. The main pane shows the results of a query:

```
1 •  SELECT count(*) FROM imdb_src_movie.dim_person_profession;
```

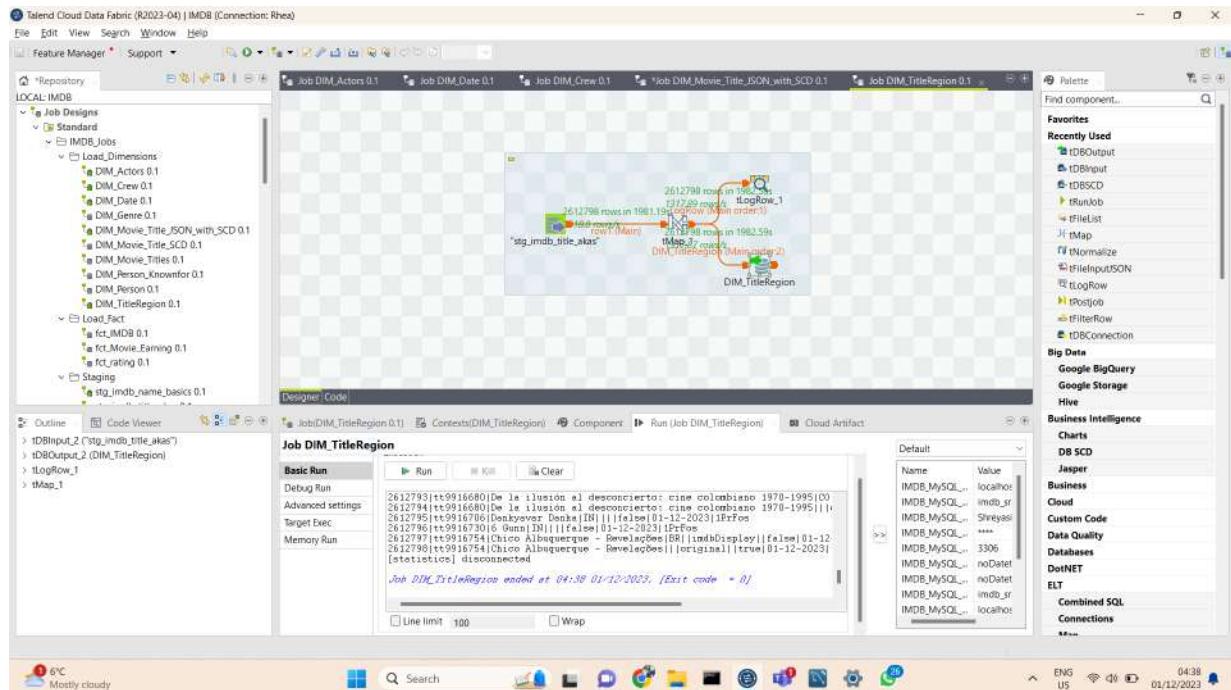
The Result Grid shows the following data:

count(*)
2544773

The Output pane shows the following log entries:

- 970 15:34:09 SELECT count(*) FROM imdb_src_movie.dim_person_profession LIMIT 0, 500 1 row(s) returned 0.687 sec / 0.000 sec
- 971 15:34:28 SELECT count(*) FROM imdb_src_movie.dim_person_profession LIMIT 0, 500 1 row(s) returned 0.797 sec / 0.000 sec

DIM Title Region:



Result Grid

titleRegionID	title	region	language	types	attributes	isOriginalTitle	DL_CreatedDate	pid
1	H0000502	Bohemian	ES	original	imdbDisplay	1	2023-12-01 04:05:27	IPPos
2	H0000502	Bohemian	ES	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
3	H0000516	Kély bőröndjának története	HU	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
4	H0000516	Kély bőröndjának története	HU	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
5	H0000517	Příčka o Kelyov band	RS	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
6	H0000517	Příčka o Kelyov band	RS	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
7	H00005174	The Story of the Kelly Gang	GB	original	imdbDisplay	1	2023-12-01 04:05:27	IPPos
8	H00005174	The Story of the Kelly Gang	GB	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
9	H00005174	The Story of the Kelly Gang	SG	en	imdbDisplay	0	2023-12-01 04:05:27	IPPos
10	H00005174	The Story of the Kelly Gang	US	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
11	H00005174	Ned Kelly and His Gang	US	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
12	H00005174	Ned Kelly and His Gang	US	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
13	H0000591	Die Geschichte der Kelly Ba... DE	DE	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
14	H0000591	Die Geschichte der Kelly Ba... DE	DE	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
15	H0000591	L'enfant prodige	FR	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos
16	H0000591	L'enfant prodige	FR	original	imdbDisplay	1	2023-12-01 04:05:27	IPPos
17	H0000591	The Prinlly One	ES	original	imdbDisplay	0	2023-12-01 04:05:27	IPPos

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

Table: dim_titleregion

Columns:

- titleRegionSK int PK
- titleID varchar(10)
- title varchar(1024)
- region varchar(255)
- language varchar(255)
- types varchar(1024)
- attributes varchar(1024)
- isOriginalTitle varchar(255)
- DL_CreatedDate datetime
- pid varchar(100)

Result Grid | Filter Active | Export | Wrap Cell Content | Result Grid | Form Editor | Field Tree | Read Only | Context Help | Snippets

Action Output

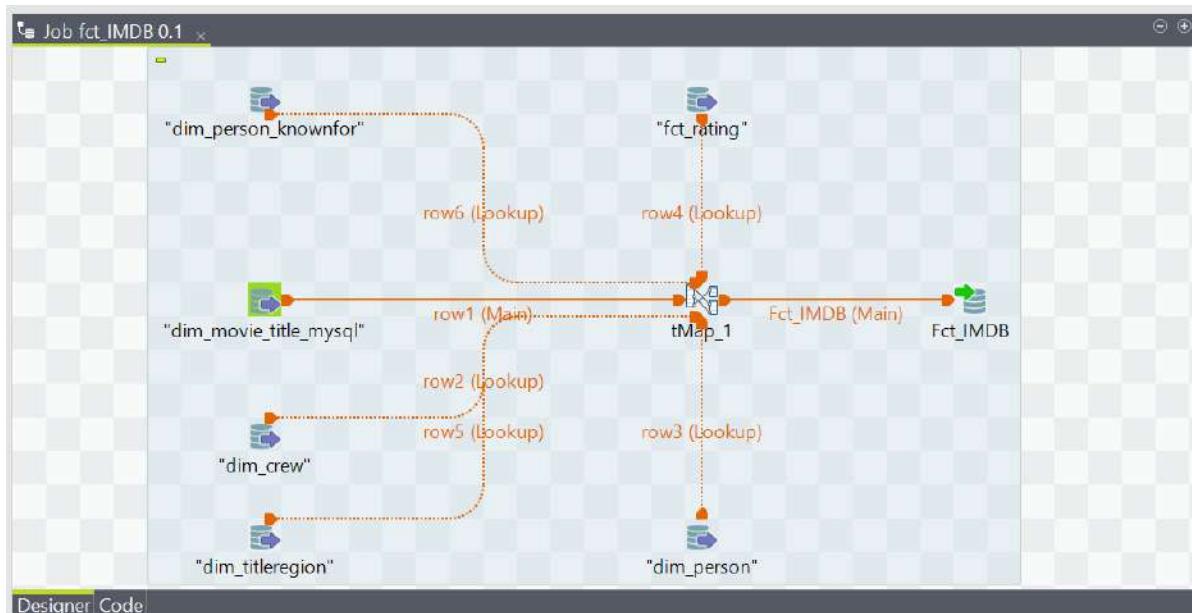
Time	Action	Message	Duration / Epoch
47	13:45:05 SELECT * FROM imbd_src_movie.dim_crew	4203620 rows(s) returned	0.156 sec / 4.406 sec
48	13:46:19 SELECT count(*) FROM imbd_src_movie.dim_crew	1 row(s) returned	1.157 sec / 0.000 sec
49	13:47:00 SELECT * FROM imbd_src_movie.dim_person	1454602 row(s) returned	0.031 sec / 1.563 sec
50	13:47:09 SELECT count(*) FROM imbd_src_movie.dim_person	1 row(s) returned	0.266 sec / 0.000 sec
51	13:47:46 SELECT * FROM imbd_src_movie.dim_titleregion	2612798 row(s) returned	0.140 sec / 4.344 sec
52	13:48:05 SELECT count(*) FROM imbd_src_movie.dim_titleregion	1 row(s) returned	0.937 sec / 0.400 sec

Rain coming In about 2.5 hours

ENG US 13:48 01/12/2023

Fact Tables:

Fact IMDB:



```
1 •  select * from fct_imdb;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Fetch rows

	IMDB_SK	CrewSK	PersonSK	titleRegionSK	MovieTitle_SK	RatingSK	KnownFor_TitleSK	DI_CreatedDate	JobID
▶	1	1	78737	2	1	1	273677	2023-12-02 23:45:08	932oOL
2	2	90925	2		1	1	315725	2023-12-02 23:45:08	932oOL
3	3	27130	2		1	1	0	2023-12-02 23:45:08	932oOL
4	4	220366	2		1	1	765605	2023-12-02 23:45:08	932oOL
5	5	225962	2		1	1	785128	2023-12-02 23:45:08	932oOL
6	6	278664	12		2	2	968730	2023-12-02 23:45:08	932oOL
7	7	278665	12		2	2	968731	2023-12-02 23:45:08	932oOL
8	8	616427	12		2	2	1713276	2023-12-02 23:45:08	932oOL
9	9	836037	12		2	2	2394060	2023-12-02 23:45:08	932oOL
10	10	278660	12		2	2	968717	2023-12-02 23:45:08	932oOL
11	11	111817	12		2	2	388148	2023-12-02 23:45:08	932oOL

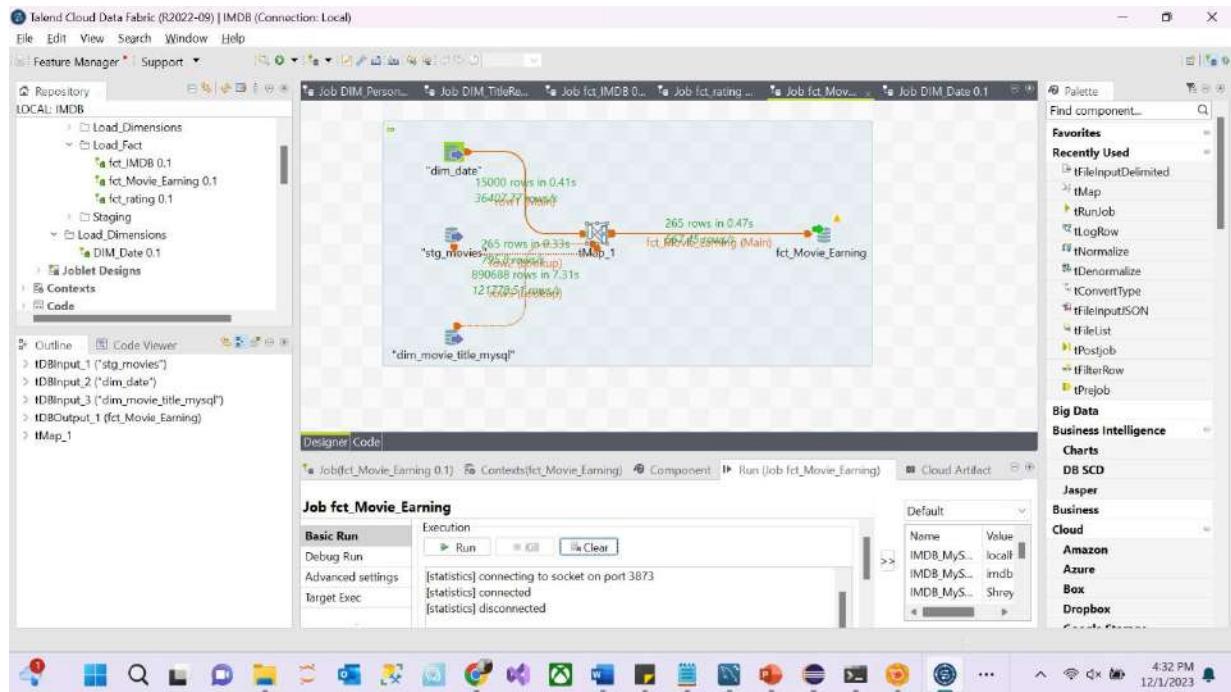
fct_imdb 1 × Apply

```
1 •  select COUNT(*) from fct_imdb;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | □

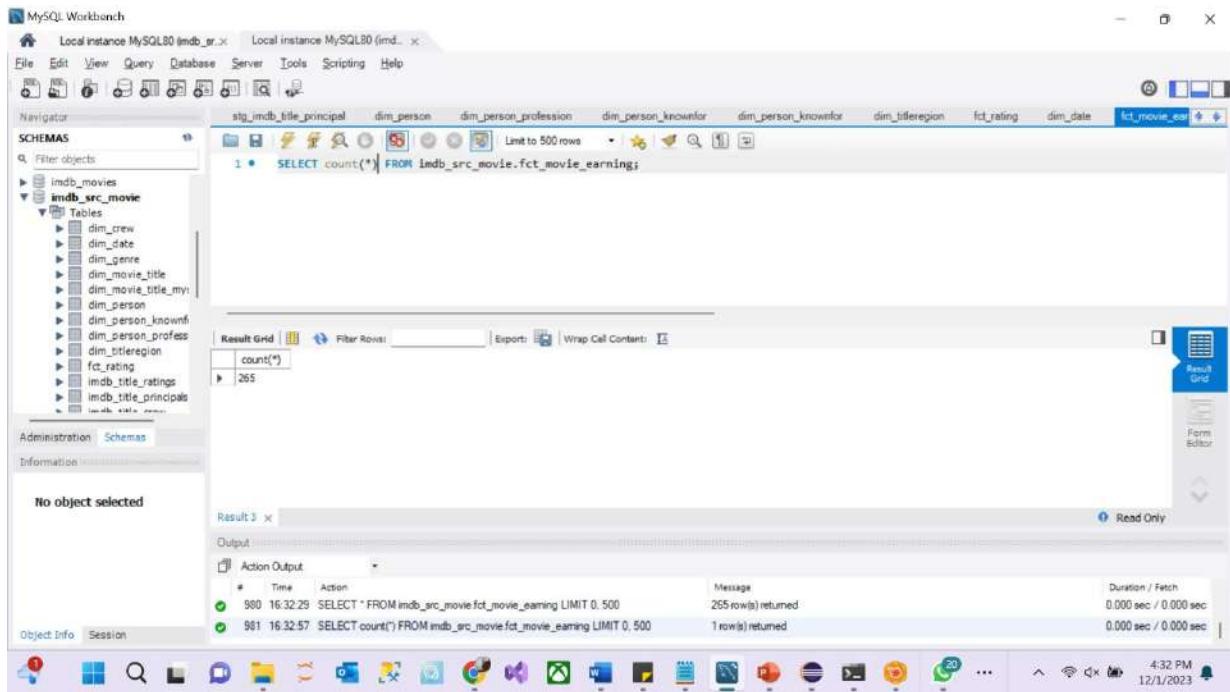
COUNT(*)
4299743

Fact Movie Earnings:

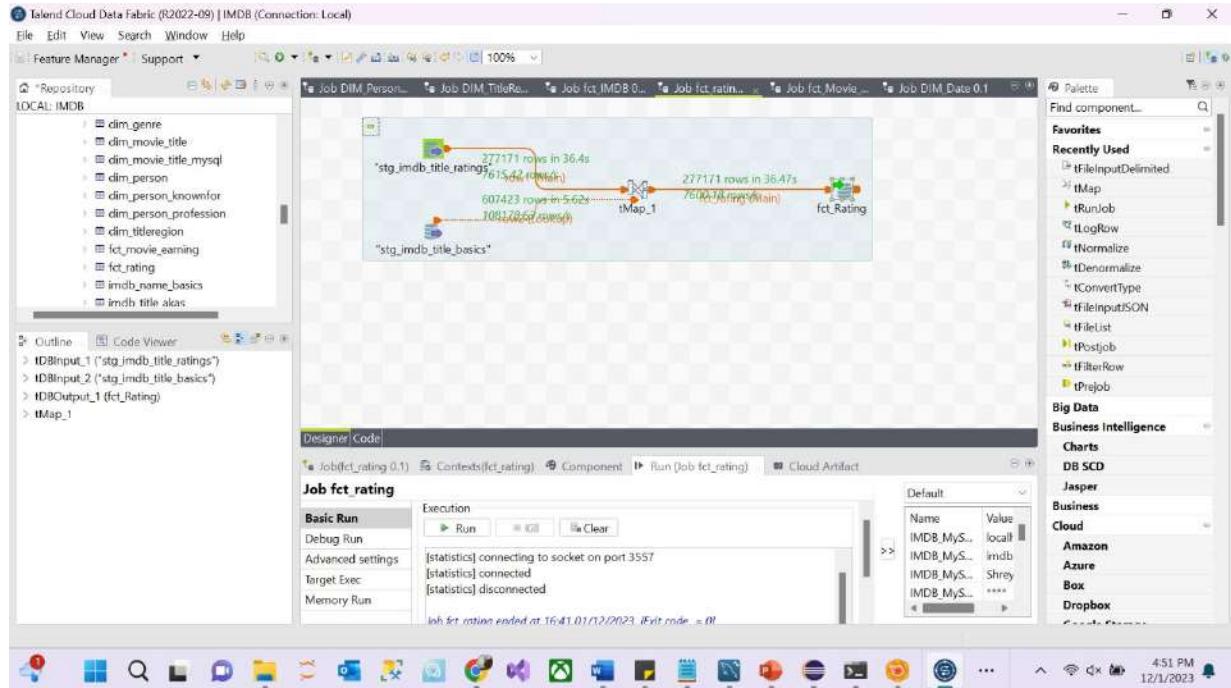


The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL80 (imdb_src_x) and Local instance MySQL80 (imdb_src_y).
- Tables:** The "imdb_src_movie" schema contains tables like dim_crew, dim_date, dim_genre, dim_movie_title, dim_movie_title_my, dim_person, dim_person_knownfor, dim_person_profession, dim_person_region, fc_rating, imdb_title_ratings, and imdb_title_principals.
- Result Grid:** The "fct_movie_earning" table is selected. The grid shows data for rows 2909 through 2916.
- Action Output:**
 - Row 979: drop table imdb_src_movie.fct_movie_earning
 - Row 980: SELECT * FROM imdb_src_movie.fct_movie_earning LIMIT 0,500



Fact Rating:



MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- dim_person_profession
- dim_title_region
- fct_rating
- imdb_title_ratings
- imdb_title_principals
- imdb_title_crew
- imdb_title_akas
- imdb_name_basics
- stg_imdb_name_bas
- stg_imdb_title_akas
- stg_imdb_title_basic
- stg_imdb_title_crew
- stg_imdb_title_princ
- stg_imdb_title_ratings

Administration Schemas Information

Table: fct_rating

Columns:

RatingSK	tconst	averageRating	numVotes	runtimeMinutes	DT_CreatedDate	JobID
1	tt00000502	4	14	100	2023-12-01 16:14:51	aF5WxX
2	tt00000574	6	759	70	2023-12-01 16:14:51	aF5WxX
3	tt00000591	5	17	90	2023-12-01 16:14:51	aF5WxX
4	tt00000615	4	23	NULL	2023-12-01 16:14:51	aF5WxX
5	tt00000630	4	24	NULL	2023-12-01 16:14:51	aF5WxX
6	tt00000675	5	19	NULL	2023-12-01 16:14:51	aF5WxX
7	tt00000679	5	65	120	2023-12-01 16:14:51	aF5WxX
8	tt00000793	5	20	NULL	2023-12-01 16:14:51	aF5WxX
9	tt00000867	6	14	NULL	2023-12-01 16:14:51	aF5WxX

Result Grid Filter Rows Edit Export/Import Wrap Cell Contents Fetch rows

Action Output

#	Time	Action	Message	Duration / Fetch
973	15:53:51	SELECT count(*) FROM imdb_src_movie.dim_titleRegion LIMIT 0..500	1 row(s) returned	0.557 sec / 0.000 sec
974	16:25:08	SELECT * FROM imdb_src_movie.fct_rating LIMIT 0..500	500 row(s) returned	0.000 sec / 0.000 sec

4:25 PM 12/1/2023

The screenshot shows the MySQL Workbench interface. In the top window, a query is being run:

```
1 •  SELECT count(*) FROM imdb_src_movie.fct_rating;
```

The result grid shows:

count(*)
277171

Below this, a table information window is open for the 'fct_rating' table:

Table: fct_rating

Columns:

- RatingSK int PK
- contentID varchar(255)
- averageRating double(10,2)
- imdbVotes int
- runtimeMinutes varchar(255)
- CreatedDate datetime

Object: Info Session

SQL Queries -

Trend Analysis:

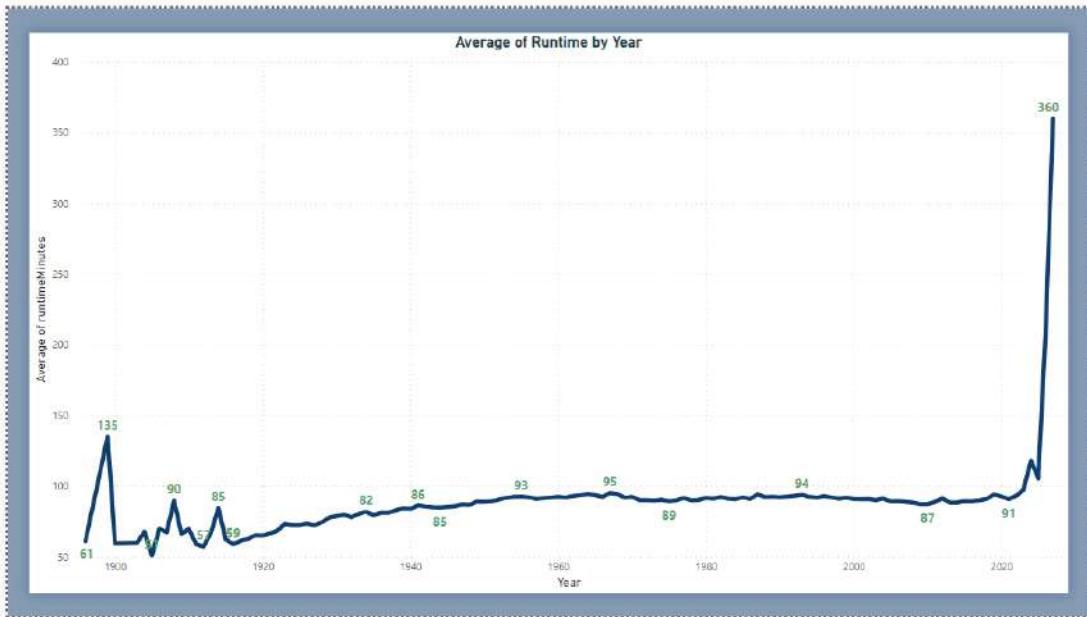
1. Average movie runtime change over the years:
 - a. For every year what is the average run-time and plot it on the graph.

```
select startYear, avg(runtimeMinutes) as AvgRuntime from dim_movie_title_mysql
group by startYear
order by startYear;
```

```
2 •  select startYear, avg(runtimeMinutes) as AvgRuntime from dim_movie_title_mysql
3     group by startYear
4     order by startYear;
5
```

The screenshot shows the results of the query in the 'Result Grid' tab:

startYear	AvgRuntime
1896-01-01 00:00:00	61
1897-01-01 00:00:00	NULL
1898-01-01 00:00:00	NULL
1899-01-01 00:00:00	135
1900-01-01 00:00:00	59.5
1901-01-01 00:00:00	NULL
1902-01-01 00:00:00	NULL
1903-01-01 00:00:00	60
1904-01-01 00:00:00	68
1905-01-01 00:00:00	51
1906-01-01 00:00:00	70
1907-01-01 00:00:00	67.5
1908-01-01 00:00:00	90
1909-01-01 00:00:00	66.25
1910-01-01 00:00:00	69.9333333333334
1911-01-01 00:00:00	58.91304347826087
1912-01-01 00:00:00	57.285714285714285
1913-01-01 00:00:00	67.33333333333333
1914-01-01 00:00:00	84.84065934065934

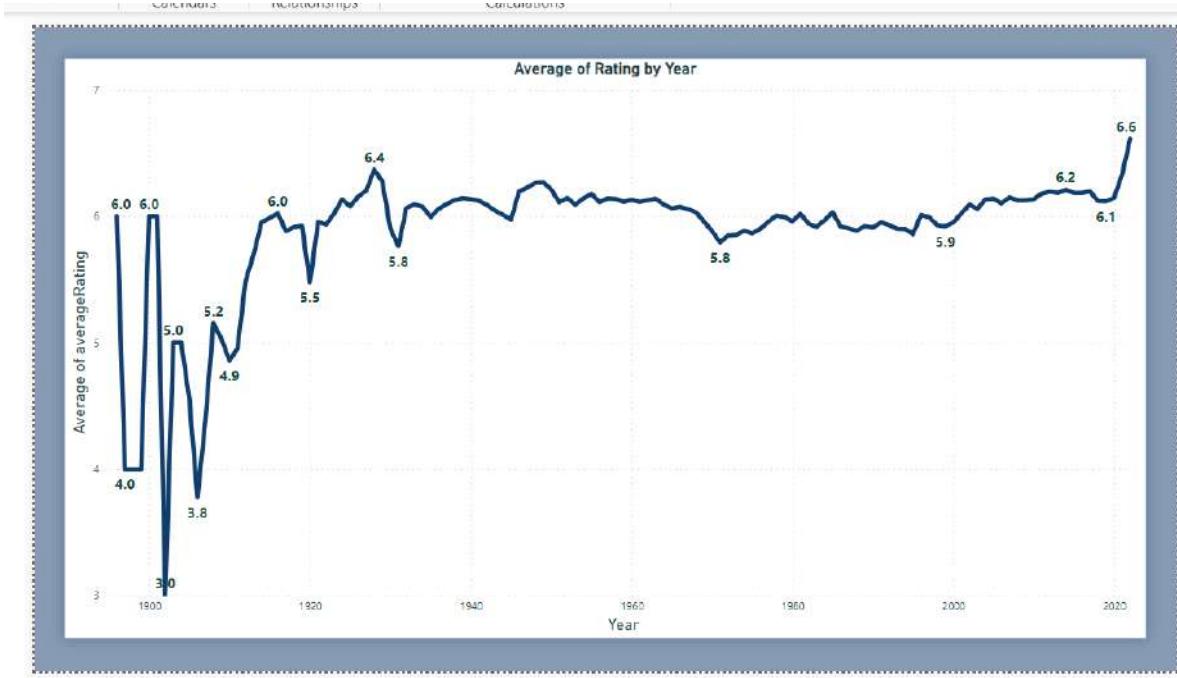


2. Is there a correlation between the average movie rating and the year of release?
 a. The goal is to identify in which year we had good movies.

```
SELECT AVG(a.averageRating) AS avgRating, s.startYear
FROM fct_rating a
JOIN dim_movie_title_mysql s ON a.tconst = s.tconst
GROUP BY s.startYear
ORDER BY s.startYear;
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

avgRating	startYear
6.0000	1896-01-01 00:00:00
4.0000	1897-01-01 00:00:00
4.0000	1899-01-01 00:00:00
6.0000	1900-01-01 00:00:00
6.0000	1901-01-01 00:00:00
3.0000	1902-01-01 00:00:00
5.0000	1903-01-01 00:00:00
5.0000	1904-01-01 00:00:00
4.5556	1905-01-01 00:00:00
3.7778	1906-01-01 00:00:00
4.3846	1907-01-01 00:00:00
5.1538	1908-01-01 00:00:00
5.0286	1909-01-01 00:00:00
4.8571	1910-01-01 00:00:00
4.9555	1911-01-01 00:00:00
5.4884	1912-01-01 00:00:00
5.7011	1913-01-01 00:00:00
5.9532	1914-01-01 00:00:00
5.9854	1915-01-01 00:00:00
6.0000	1916-01-01 00:00:00



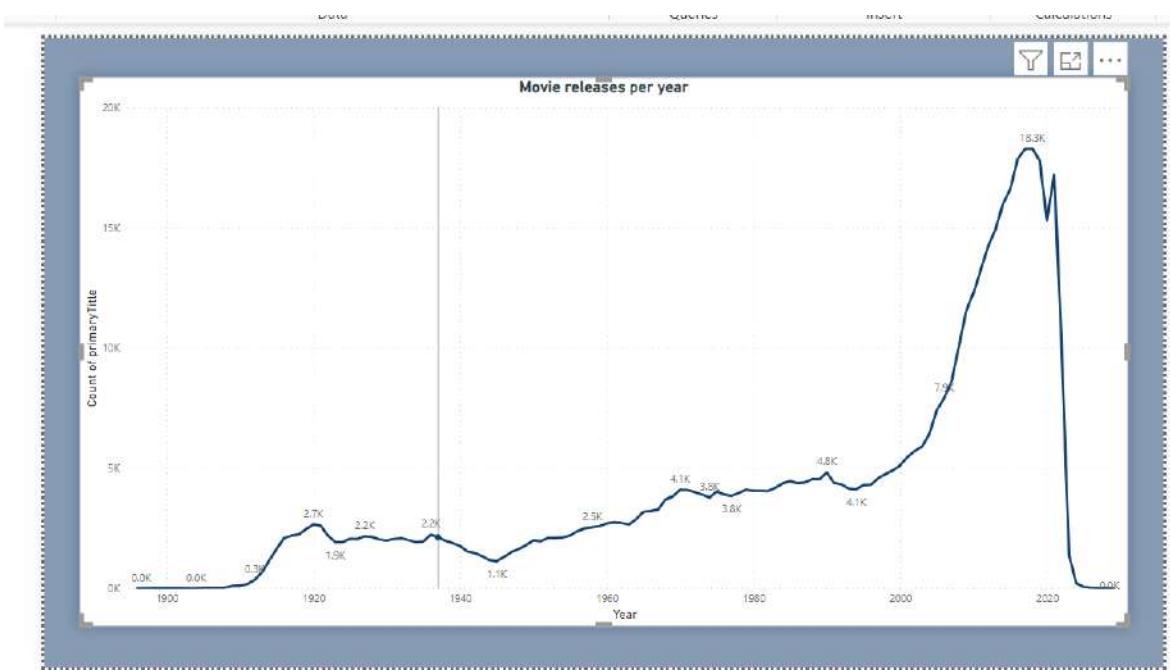
3. Visualization of the distribution of movie releases per year
a. No. of movies released every year

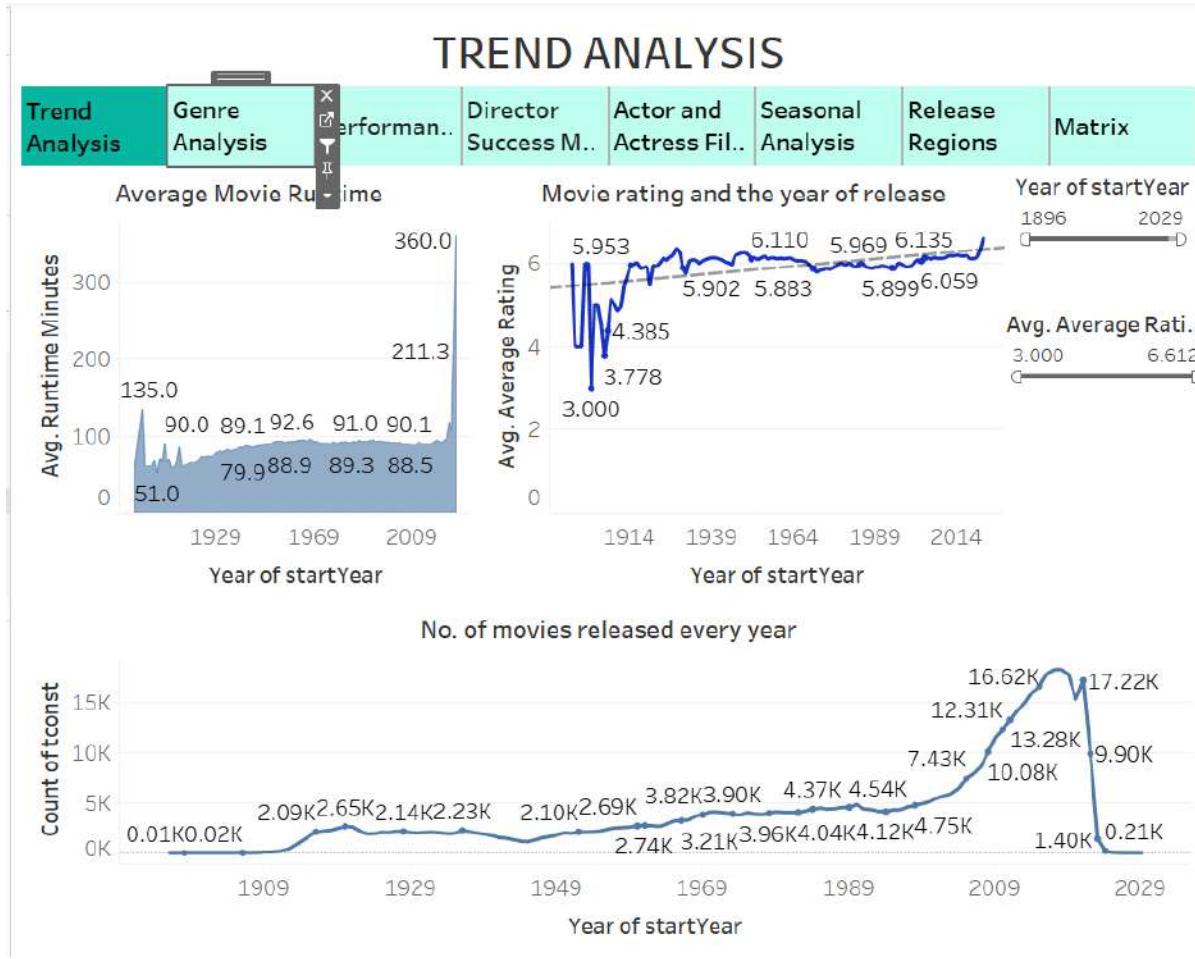
```
SELECT COUNT(tconst) AS movieCount, startYear
FROM dim_movie_title_mysql
GROUP BY startYear;
```

```
11
12 • SELECT COUNT(tconst) AS movieCount, startYear
13   FROM dim_movie_title_mysql
14   GROUP BY startYear;
15
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	movieCount	startYear
▶	18	1905-01-01 00:00:00
	23	1906-01-01 00:00:00
	15	1907-01-01 00:00:00
	21	1908-01-01 00:00:00
	92	1909-01-01 00:00:00
	105	1910-01-01 00:00:00
	347	1912-01-01 00:00:00
	165	1911-01-01 00:00:00
	673	1913-01-01 00:00:00
	1633	1915-01-01 00:00:00
	1156	1914-01-01 00:00:00
	2456	1919-01-01 00:00:00
	2093	1916-01-01 00:00:00
	2188	1917-01-01 00:00:00
	2231	1936-01-01 00:00:00
	2064	1925-01-01 00:00:00
	2244	1918-01-01 00:00:00
	2652	1920-01-01 00:00:00
	2192	1922-01-01 00:00:00





Genre Analysis:

1. Which genres have seen the most significant ratings in popularity over the past decade?
a. The goal is to identify the popularity of the genres.

```

SELECT
    g.genres,avg(r.averageRating) as avg_rating
FROM
    dim_genre g
JOIN
    dim_movie_title_mysql t ON g.tconst = t.tconst
JOIN
    fct_imdb i ON t.MovieTitle_SK = i.MovieTitle_SK
JOIN
    fct_rating r ON r.RatingSK = i.RatingSK
WHERE
    t.startYear BETWEEN '2014-01-01' AND '2023-12-31'

```

```

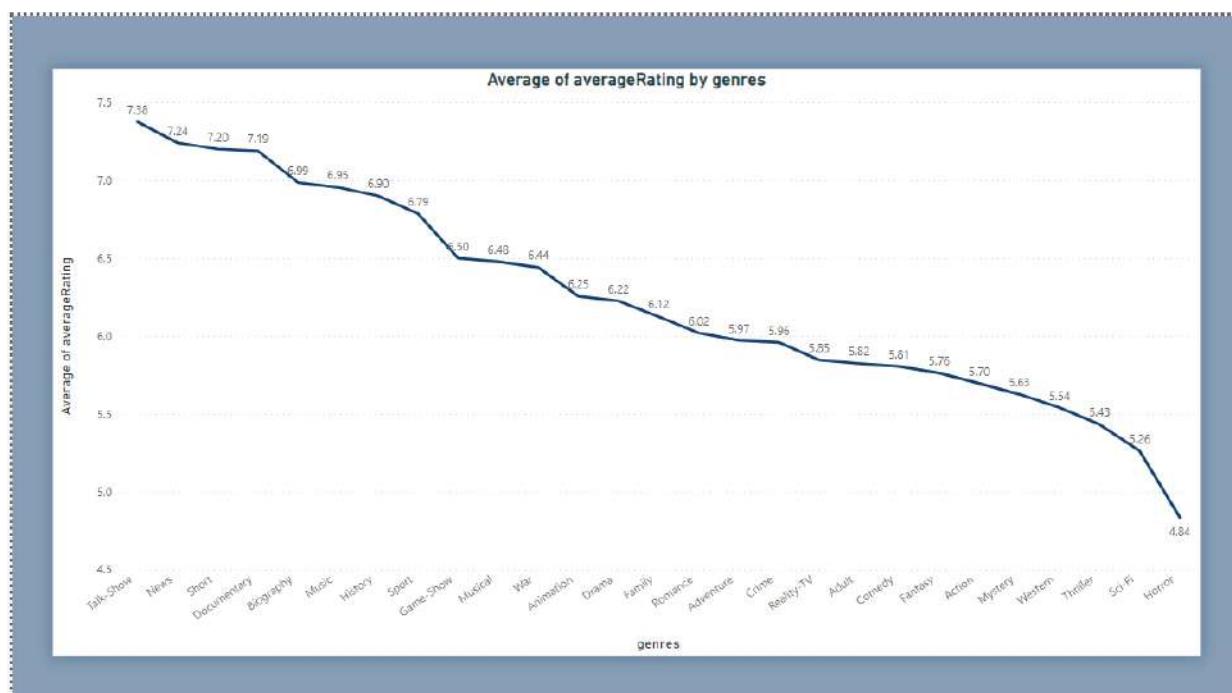
GROUP BY g.genres
ORDER BY
avg_rating DESC;

```

```
56
57 •  SELECT
58     g.genres,avg(r.averageRating) as avg_rating
59     FROM
60         dim_genre g
61     JOIN
62         dim_movie_title_mysql t ON g.tconst = t.tconst
63     JOIN
64         fct_imdb i ON t.MovieTitle_SK = i.MovieTitle_SK
65     JOIN
66         fct_rating r ON r.RatingSK = i.RatingSK
67     WHERE
68         t.startYear BETWEEN '2014-01-01' AND '2023-12-31'
69
70     GROUP BY g.genres
71     ORDER BY
72         avg_rating DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	genres	avg_rating
▶	Talk-Show	7.5714
	News	7.2368
	Short	7.2000
	Documentary	7.1882
	Biography	6.9849
	Music	6.9549
	History	6.8990
	Sport	6.7898
	Game-Show	6.5000
	Musical	6.4798
	War	6.4265



2. Show the top 5 genres as compared to gross earnings for the 9 box office movies.

```
SELECT
    g.genres,
    SUM(e.Gross) AS total_earnings
FROM
```

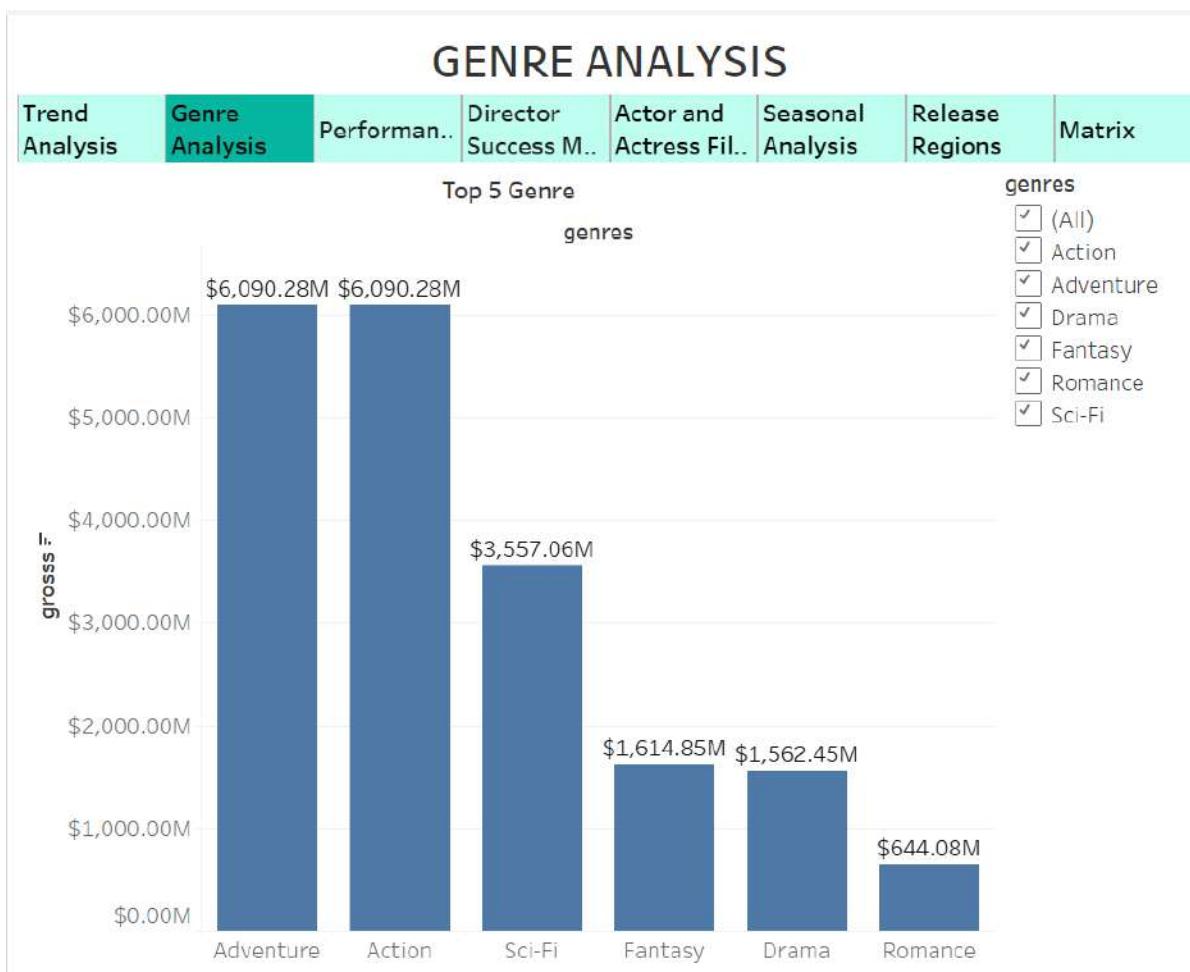
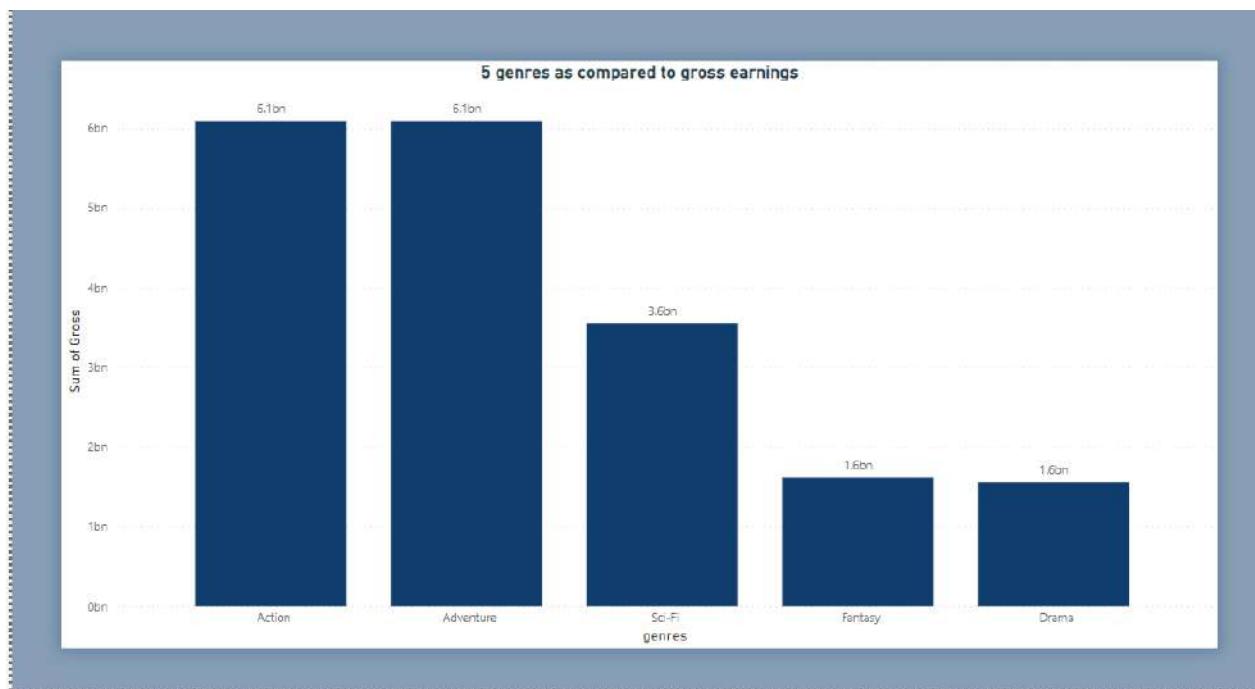
```

fct_movie_earning e
JOIN
    dim_movie_title_mysql m ON e.tconst = m.tconst
JOIN
    dim_genre g ON e.tconst = g.tconst
GROUP BY
    g.genres
ORDER BY
    total_earnings DESC
LIMIT 5;

```

The screenshot shows a MySQL query editor interface. At the top, there is a toolbar with various icons for file operations, search, and navigation. A dropdown menu indicates a limit of 1000 rows. Below the toolbar, the SQL query is displayed with line numbers from 43 to 54. The query performs a join between three tables: fct_movie_earning, dim_movie_title_mysql, and dim_genre, grouping by genre and ordering by total earnings in descending order, with a limit of 5 rows.

	genres	total_earnings
▶	Action	6090283475
	Adventure	6090283475
	Sci-Fi	3557064362
	Fantasy	1614846113
	Drama	1562451638



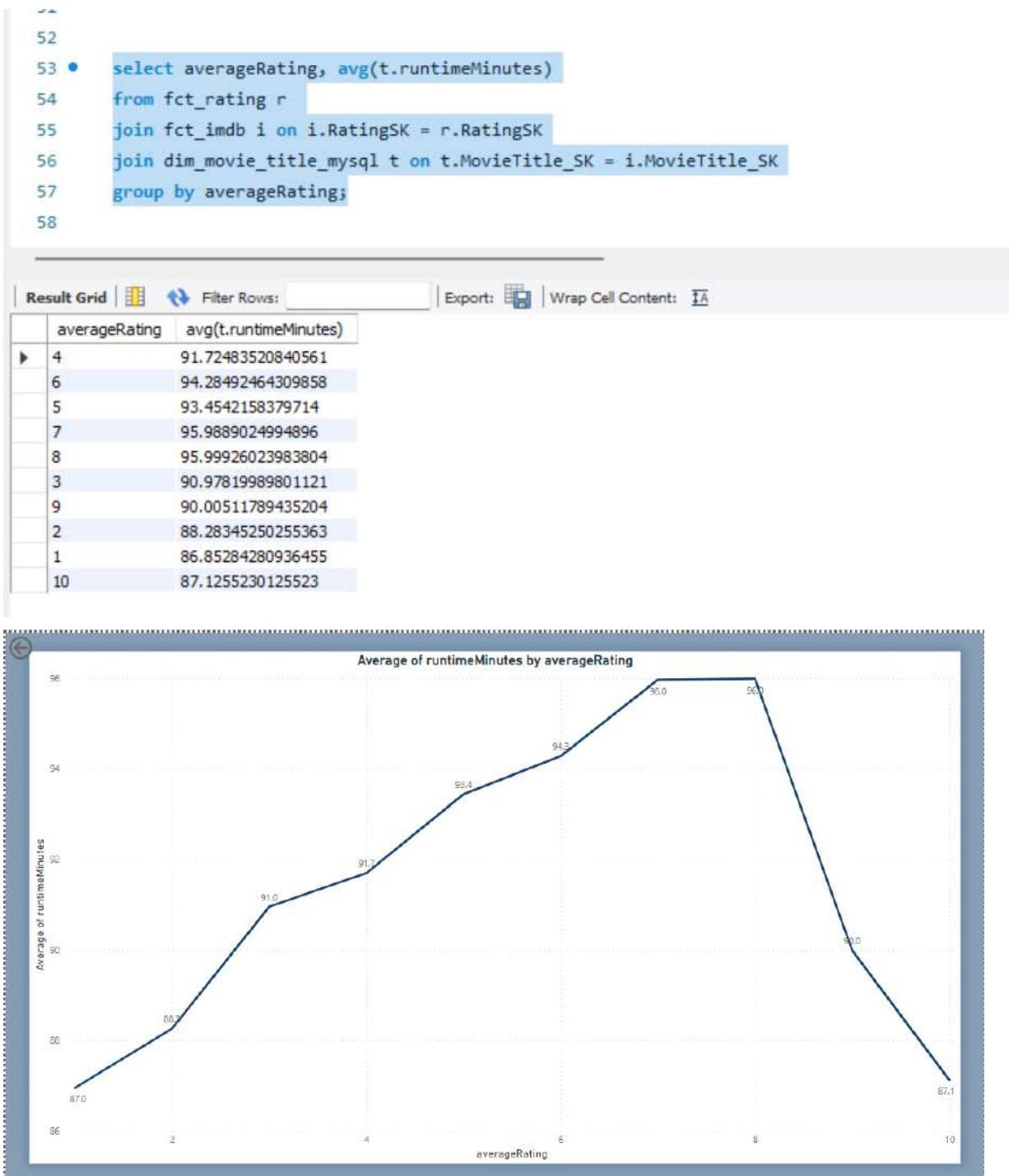
Performance Metrics:

1. Correlation between the movie's runtime and its average rating
 - a. The goal is to understand the impact on the ratings due to the movie's runtime.

```

select averageRating, avg(t.runtimeMinutes)
from fct_rating r
join fct_imdb i on i.RatingSK = r.RatingSK
join dim_movie_title_mysql t on t.MovieTitle_SK = i.MovieTitle_SK
group by averageRating;

```



2. Correlation between the movie's runtime and its average gross
a. The goal is to understand the impact on the gross earnings due to the movie's runtime.

```

select primaryTitle, sum(Gross), runTimeMinutes
from dim_movie_title_mysql t

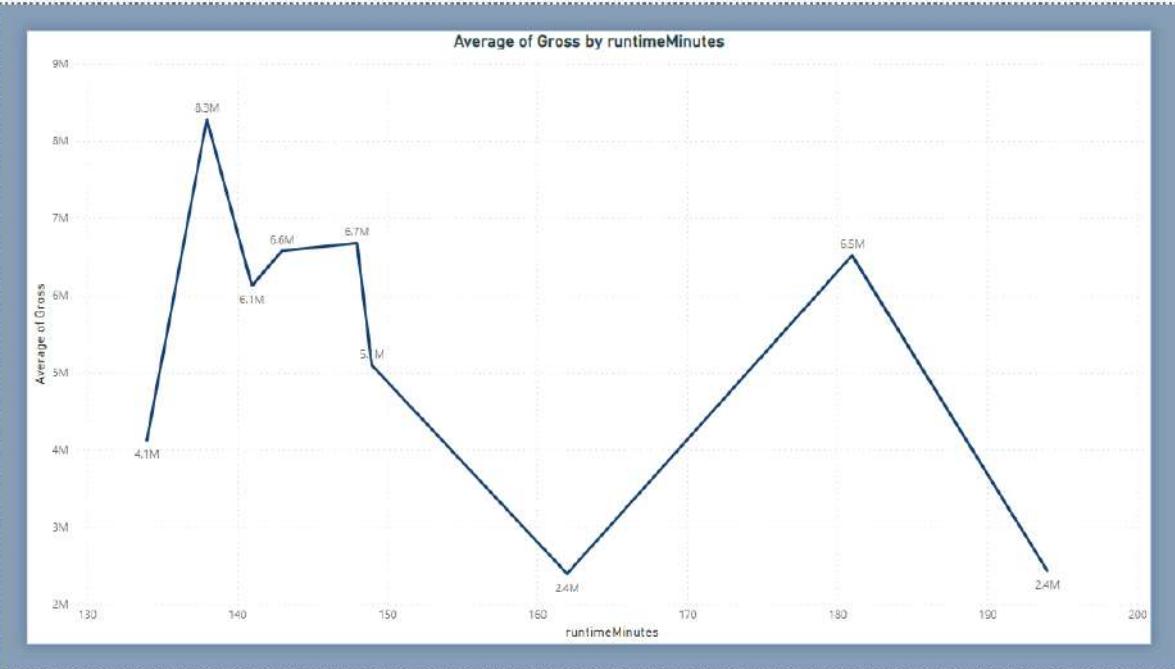
```

```
join fct_movie_earning e on t.MovieTitle_SK = e.MovieTitle_SK  
group by primaryTitle,runTimeMinutes;
```

```
52  
53 • select primaryTitle, sum(Gross), runTimeMinutes  
54 from dim_movie_title_mysql t  
55 join fct_movie_earning e on t.MovieTitle_SK = e.MovieTitle_SK  
56 group by primaryTitle, runTimeMinutes;  
57
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

primaryTitle	sum(Gross)	runTimeMinutes
Avatar	760508625	162
Avengers: Age of Ultron	483598418	141
Avengers: Endgame	918373000	181
Avengers: Infinity War	717815482	149
Black Panther	725259566	134
Spider-Man: No Way Home	854337488	148
Star Wars: Episode VII - The Force Awakens	992642689	138
The Avengers	637748207	143
Titanic	644078638	194



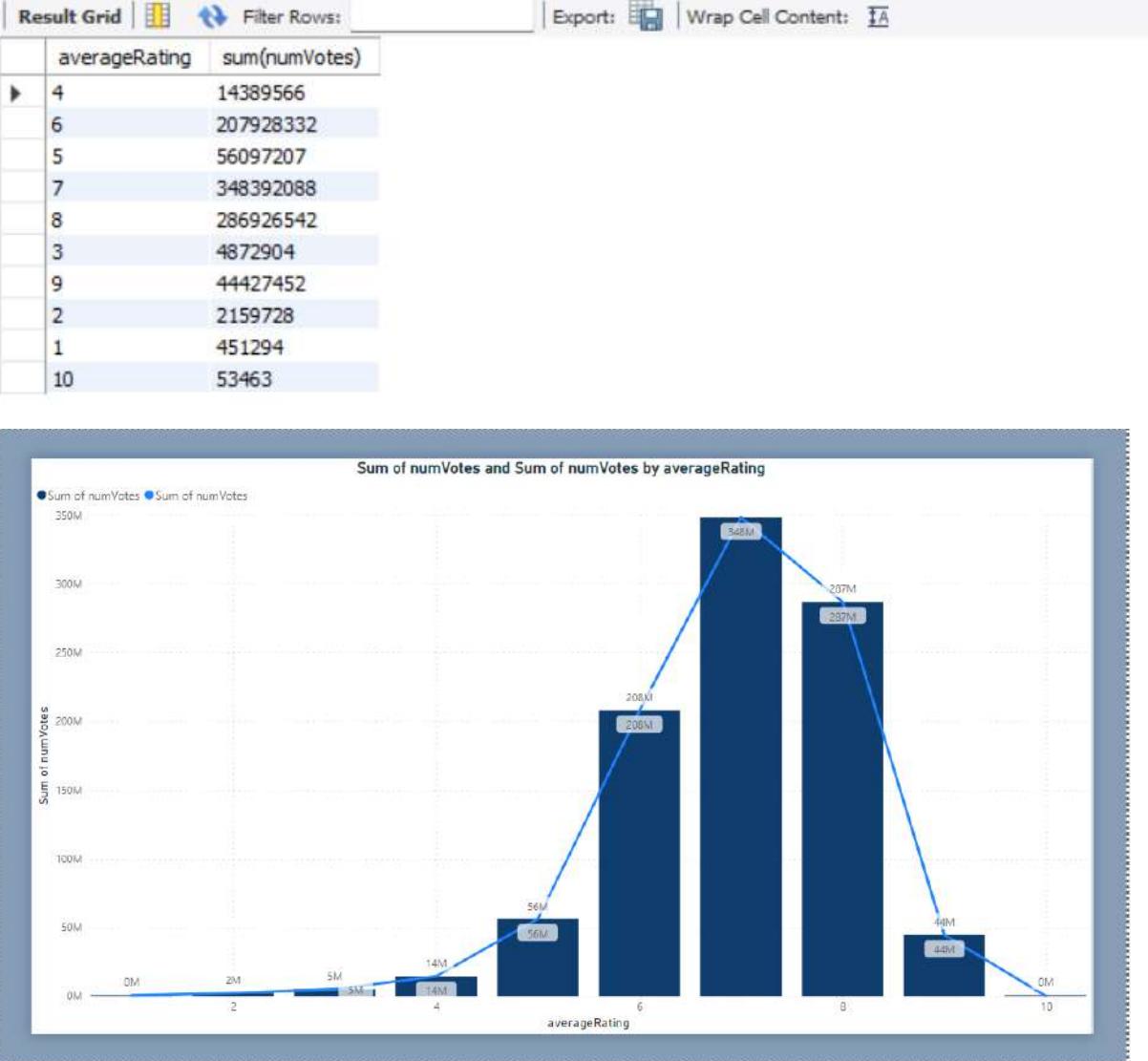
3. Relationship between the number of votes and the average rating of movies.

a. The goal is to identify the correlation between votes and rating

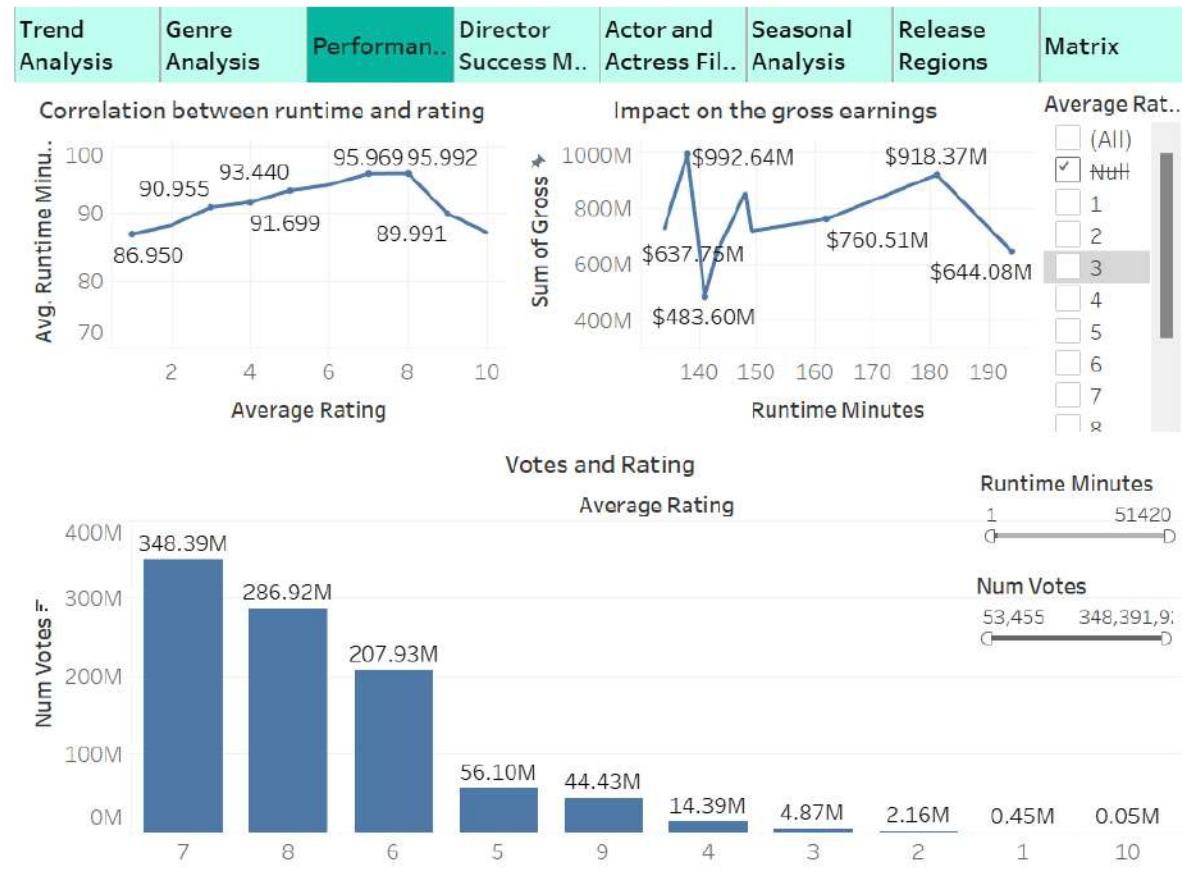
```
select averageRating,sum(numVotes) from fct_rating
```

```
group by averageRating;
```

```
58 • select averageRating,sum(numVotes) from fct_rating  
59 group by averageRating;  
60
```



PERFORMANCE METRICS

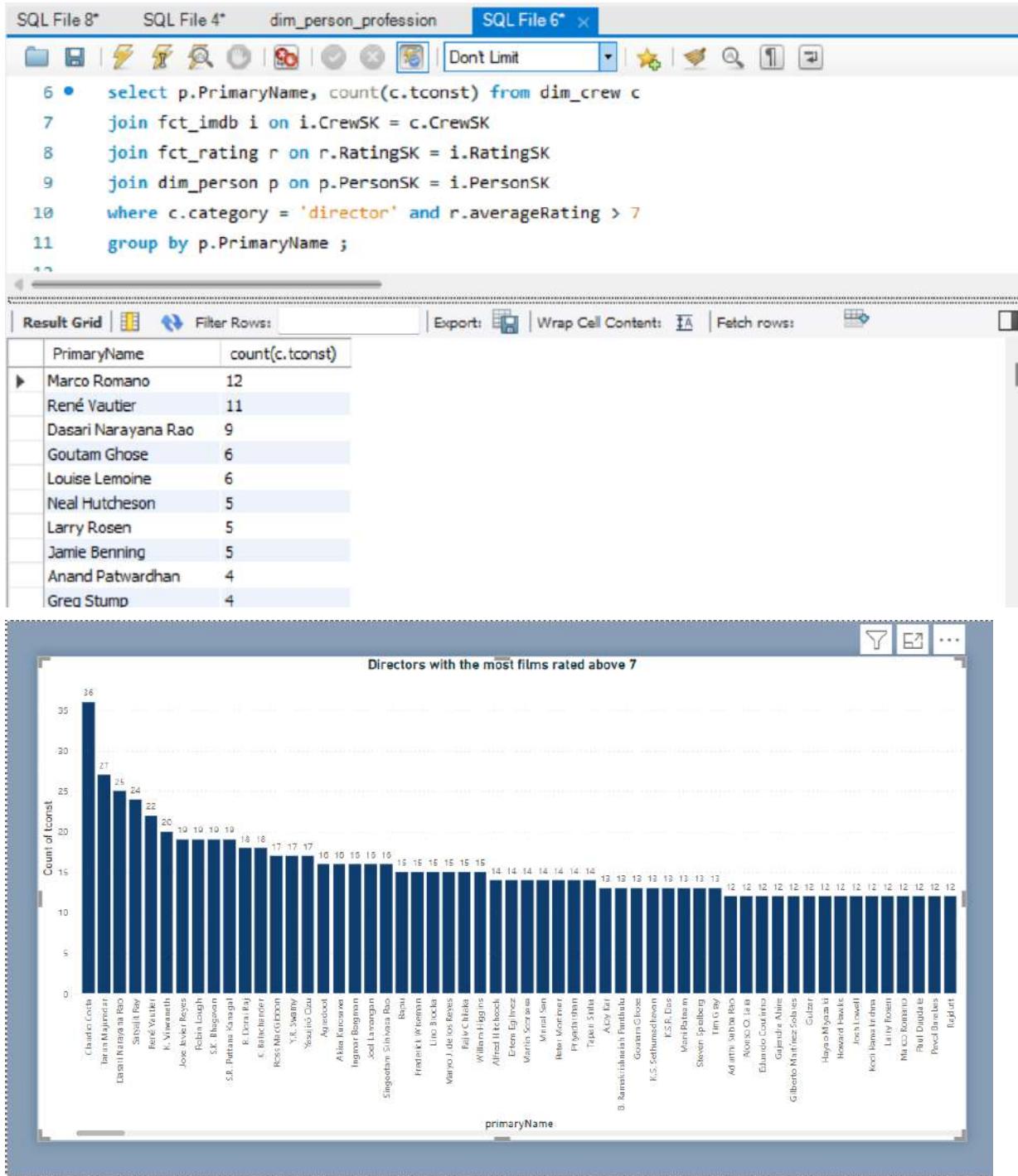


Director Success Metrics:

1. Identify directors with the most films rated above 7. Sort them in descending order
 - a. The goal is to identify which directors have made films that were received well by the audience

```

select p.PrimaryName, count(c.tconst) from dim_crew c
join fct_imdb i on i.CrewSK = c.CrewSK
join fct_rating r on r.RatingSK = i.RatingSK
join dim_person p on p.PersonSK = i.PersonSK
where c.category = 'director' and r.averageRating > 7
group by p.PrimaryName ;
  
```



2. Determine the directors who have directed the highest number of films overall and their respective gross earnings trends.
 a. The goal is to identify if there are any notable directors who consistently contribute to high-grossing movies

```
SELECT
    COUNT(DISTINCT(e.tconst)) AS movie_count,
    p.PrimaryName,
    c.category,
    SUM(e.Gross) AS total_gross_earnings
FROM
    dim_crew c
```

```

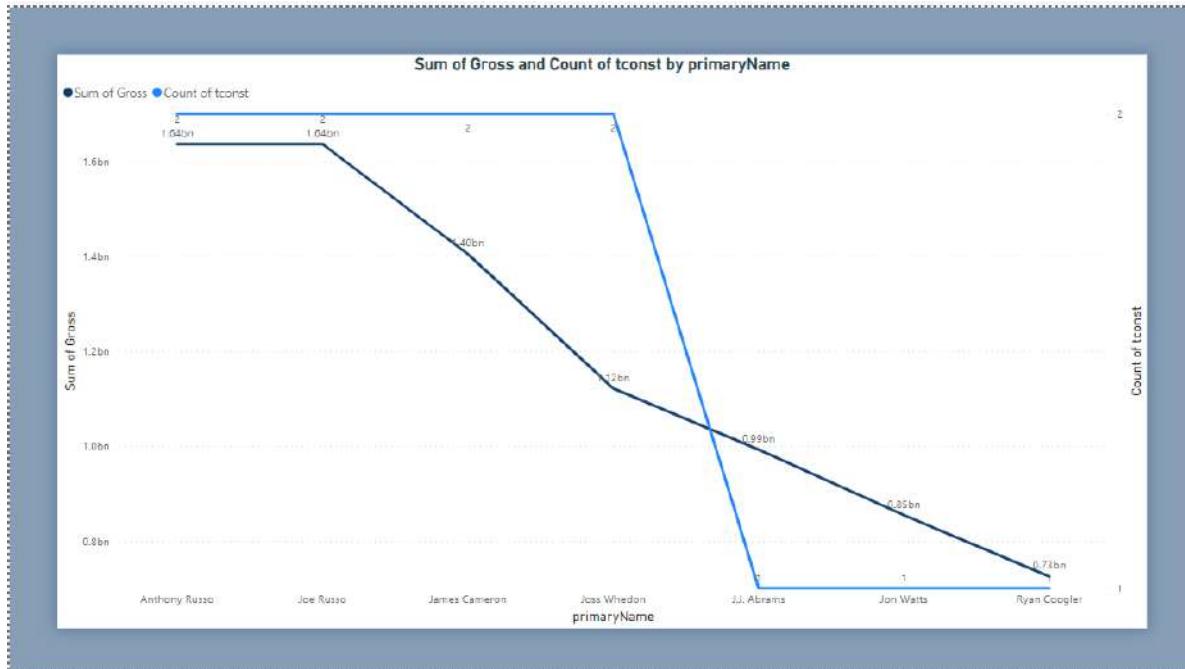
JOIN
    dim_person p ON p.nconst = c.nconst
JOIN
    fct_movie_earning e ON e.tconst = c.tconst
WHERE
    c.category = 'director'
GROUP BY
    p.PrimaryName, c.category
ORDER BY
    total_gross_earnings DESC;

```

Screenshot of a database query interface showing the execution of the provided SQL code.

The query results are displayed in a grid:

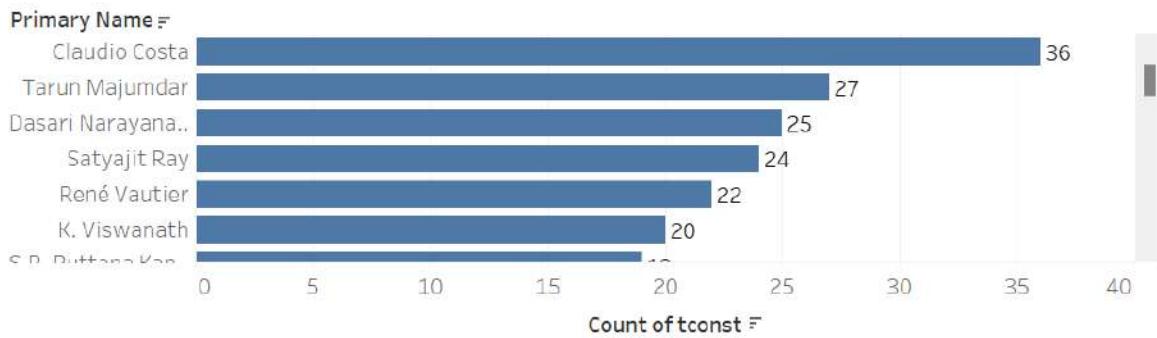
	movie_count	PrimaryName	category	total_gross_earnings
▶	2	Anthony Russo	director	1636188482
	2	Joe Russo	director	1636188482
	2	James Cameron	director	1404587263
	2	Joss Whedon	director	1121346625
	1	J.J. Abrams	director	992642689
	1	Jon Watts	director	854337488



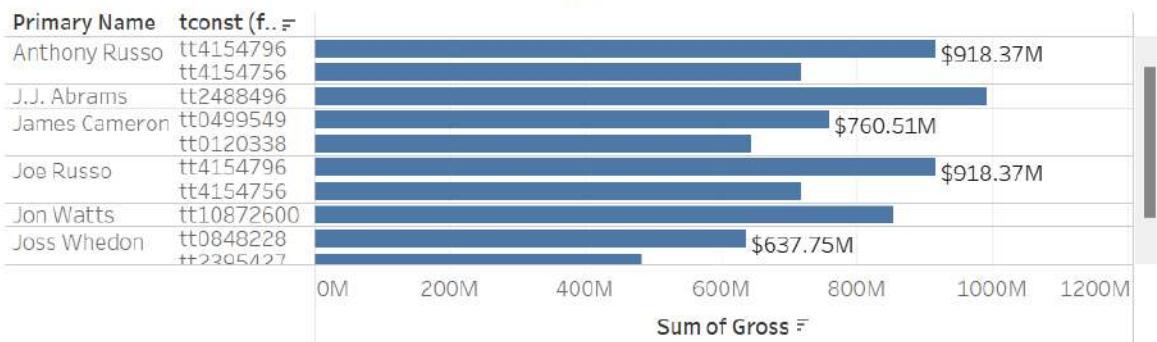
DIRECTOR SUCCESS METRICS

Trend Analysis	Genre Analysis	Performance	Director Success Metrics	Actor and Actress Film Analysis	Seasonal Analysis	Release Regions	Matrix
----------------	----------------	-------------	--------------------------	---------------------------------	-------------------	-----------------	--------

Directors with the most rated films



Directors with high grossing movies



Actor and Actress Film Records:

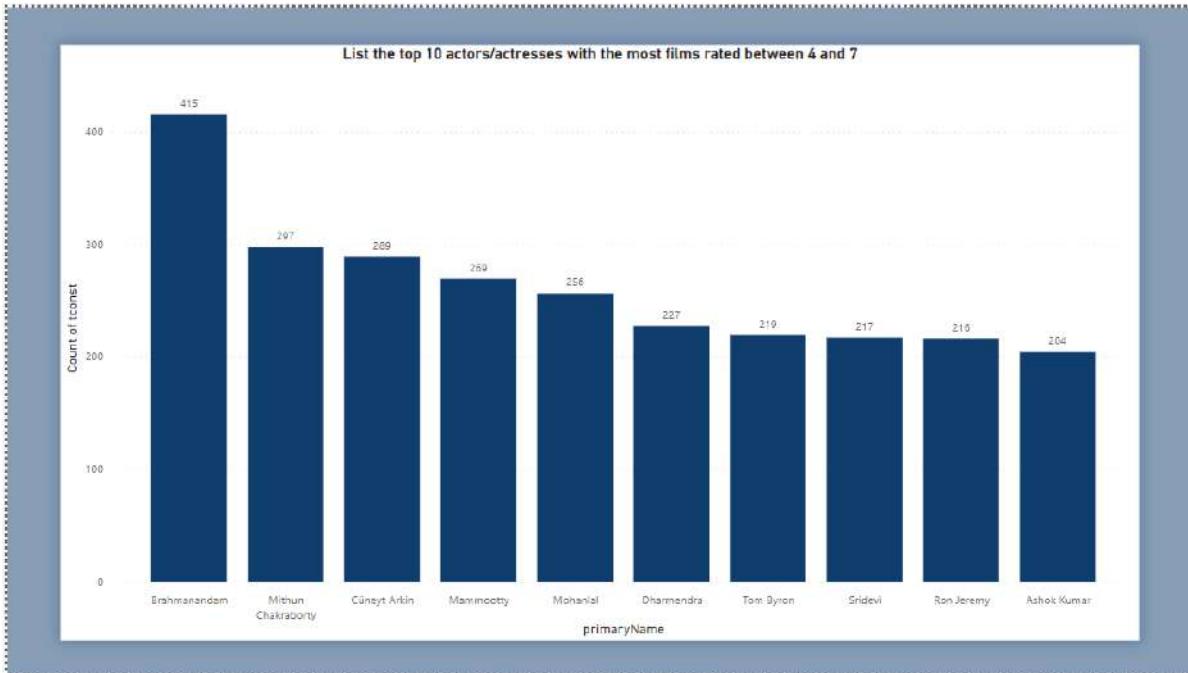
1. List the top 10 actors/actresses with the most films rated between 4 and 7.

a. The goal is to identify the popular actors/actresses

```
SELECT
    da.primaryName AS actor_name,
    COUNT(DISTINCT dc.tconst) AS total_films_between_4_and_7
FROM
    dim_person da
JOIN
    dim_crew dc ON da.nconst = dc.nconst
JOIN
    fct_rating fr ON dc.tconst = fr.tconst
WHERE
    fr.averageRating BETWEEN 4 AND 7 and dc.category = "actor" or dc.category = "actress"
GROUP BY
    da.primaryName
ORDER BY
    total_films_between_4_and_7 DESC
Limit 10;
```

The screenshot shows a database interface with a toolbar at the top containing various icons for file operations, search, and navigation. Below the toolbar, the SQL query is displayed in a code editor window, numbered from 1 to 10. The results are shown in a 'Result Grid' table below the query.

actor_name	total_films_between_4_and_7
Brahmanandam	415
Mithun Chakraborty	297
Cüneyt Arkin	289
Mammootty	269
Mohanlal	256
Sridevi	232
Dharmendra	227
Tom Byron	219
Ron Jeremy	216
Aachi Manorama	213



2. Compare the top 5 actors and actresses based on movie ratings.

a. The goal is to compare the top 5 actor and actresses

```
select primaryName,avg(r.averageRating) from dim_person_profession pp
join dim_person p on p.nconst = pp.nconst
join fct_imdb i on i.PersonSK = p.PersonSK
join dim_crew c on c.CrewSK = i.CrewSK
join fct_rating r on r.RatingSK = i.RatingSK
where c.category IN ('actor','actress')
group by primaryName;
```

```

112
113 -- Compare the top 5 actors and actresses based on movie ratings
114 • select primaryName,avg(r.averageRating) from dim_person_profession pp
115 join dim_person p on p.nconst = pp.nconst
116 join fct_imdb i on i.PersonSK = p.PersonSK
117 join dim_crew c on c.CrewSK = i.CrewSK
118 join fct_rating r on r.RatingSK = i.RatingSK
119 where c.category IN ('actor','actress')
120 group by primaryName;
121
122 • SELECT
123

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Fetch rows:

primaryName	avg(r.averageRating)
Srdjan Jablanovic	10.0000
Pierre Mirel	10.0000
Paul Roraback	10.0000
Donovan Bailey	10.0000
Sophia Laia	10.0000
Jugoslav Jospovic	10.0000
Davi Freitas	10.0000
Orin Friesen	10.0000
Sam DeRose	10.0000
Brad	10.0000
Margareta Spănu-Cemărтан	10.0000
Hercules Nikolopoulos	10.0000
Raj Tirandasu	10.0000
Ana Blake	10.0000
Taylor Van Doorne	10.0000
Martin Nadin	10.0000
Deeksha Welekar	10.0000
Pulakesh Bhattacharya	10.0000
Ahmed Al-Ansari	10.0000

Result 3 ×

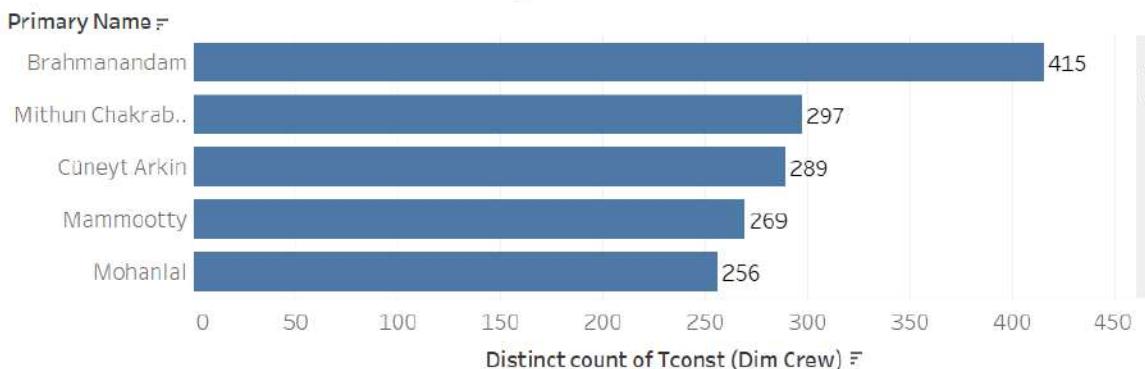
Output: Action Output

#	Time	Action	Message
13	02:54:56	select primaryName,avg(r.averageRating) from dim_person_profession pp join dim_person p on p.nconst = pp.nconst join fct_imdb i on i.Pe...	Error Code: 2013. Lost connection to MySQL server during query
14	03:06:07	select primaryName,avg(r.averageRating) from dim_person_profession pp join dim_person p on p.nconst = pp.nconst join fct_imdb i on i.Pe...	379252 row(s) returned

ACTOR AND ACTRESS FILM RECORDS

Trend Analysis	Genre Analysis	Performance	Director Success M..	Actor and Actress Fil..	Seasonal Analysis	Release Regions	Matrix
----------------	----------------	-------------	----------------------	-------------------------	-------------------	-----------------	--------

Top 10 Actors

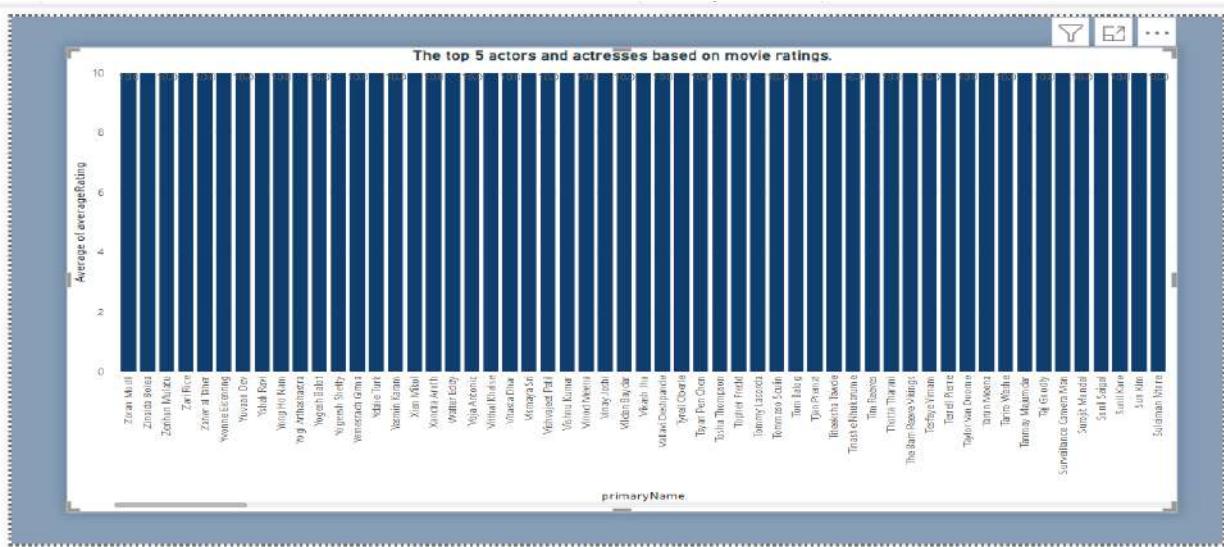


Top 5 by rating

Primary Name	Avg ...	Category
Zoran Modli	10	(All)
Zinaida Bolea	10	Null
Zerihun Mulatu	10	actor
Zari Rice	10	actress
Zaher al Taher	10	archive_fo...
Yvonne Eisenring	10	archive_so...
Yuvaan Dev	10	cinematogr...
Yshak Ravi	10	composer
Yong Ho Nam	10	director
Yogi Arthashastra	10	editor
Yogesh Balot	10	

Category

- (All)
- Null
- actor
- actress
- archive_fo...
- archive_so...
- cinematogr...
- composer
- director
- editor



Seasonal Analysis:

1. How does movie performance vary across different seasons of the year? (based on gross earnings)
 - a. The goal is to identify which season has an impact on the revenue.

```
SELECT
CASE
    WHEN d.Month_Num IN (0, 1, 2, 3) THEN 'Spring'
    WHEN d.Month_Num IN (4, 5, 6, 7) THEN 'Summer'
    WHEN d.Month_Num IN (8, 9, 10, 11) THEN 'Fall'
END AS season,
SUM(e.Gross) AS total_gross_earnings
FROM
fct_movie_earning e
JOIN
dim_date d ON e.dateSK = d.dateSK
GROUP BY
season
ORDER BY
MIN(d.Month_Num);
```

299 • SELECT

300 CASE

301 WHEN d.Month_Num IN (0, 1, 2, 3) THEN 'Spring'

302 WHEN d.Month_Num IN (4, 5, 6, 7) THEN 'Summer'

303 WHEN d.Month_Num IN (8, 9, 10, 11) THEN 'Fall'

304 END AS season,

305 SUM(e.Gross) AS total_gross_earnings

306 FROM

307 fct_movie_earning e

308 JOIN

309 dim_date d ON e.dateSK = d.dateSK

310 GROUP BY

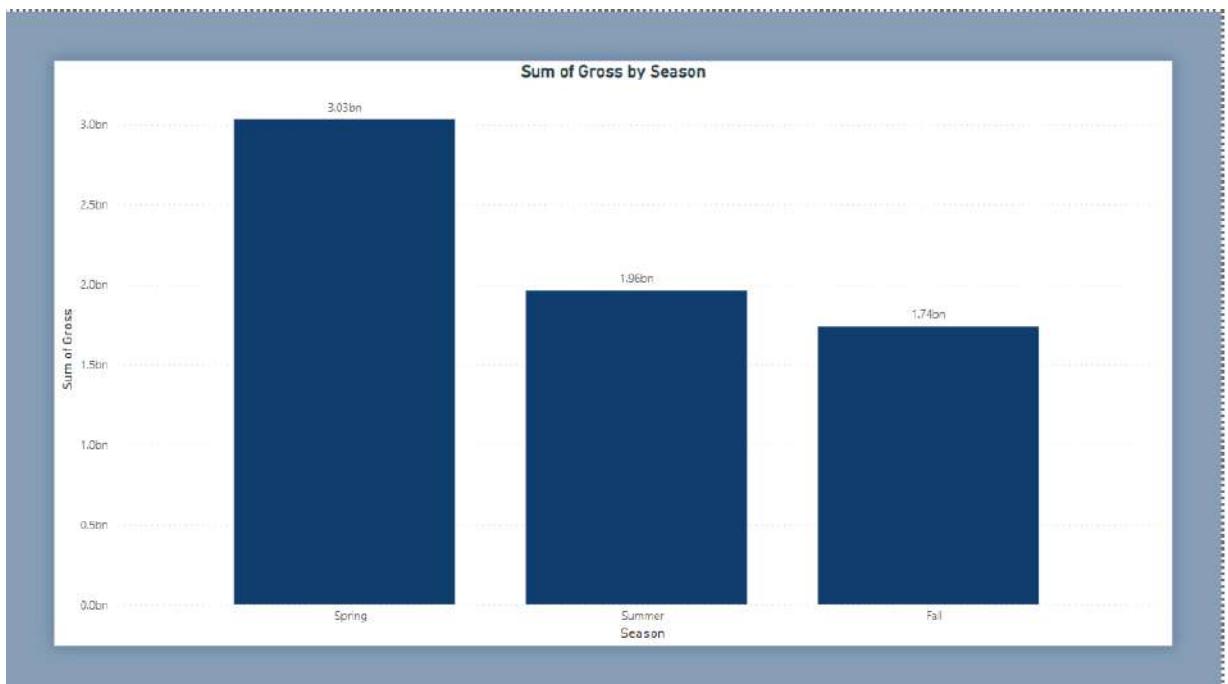
311 season

312 ORDER BY

313 MIN(d.Month_Num);

Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content: |

	season	total_gross_earnings
▶	Spring	3033650624
	Summer	1962604141
	Fall	1738107348



2. Top 3 movies based on the season (spring, summer, fall)
- Spring - Jan to April
 - Summer - May to August
 - Fall - September to December

```

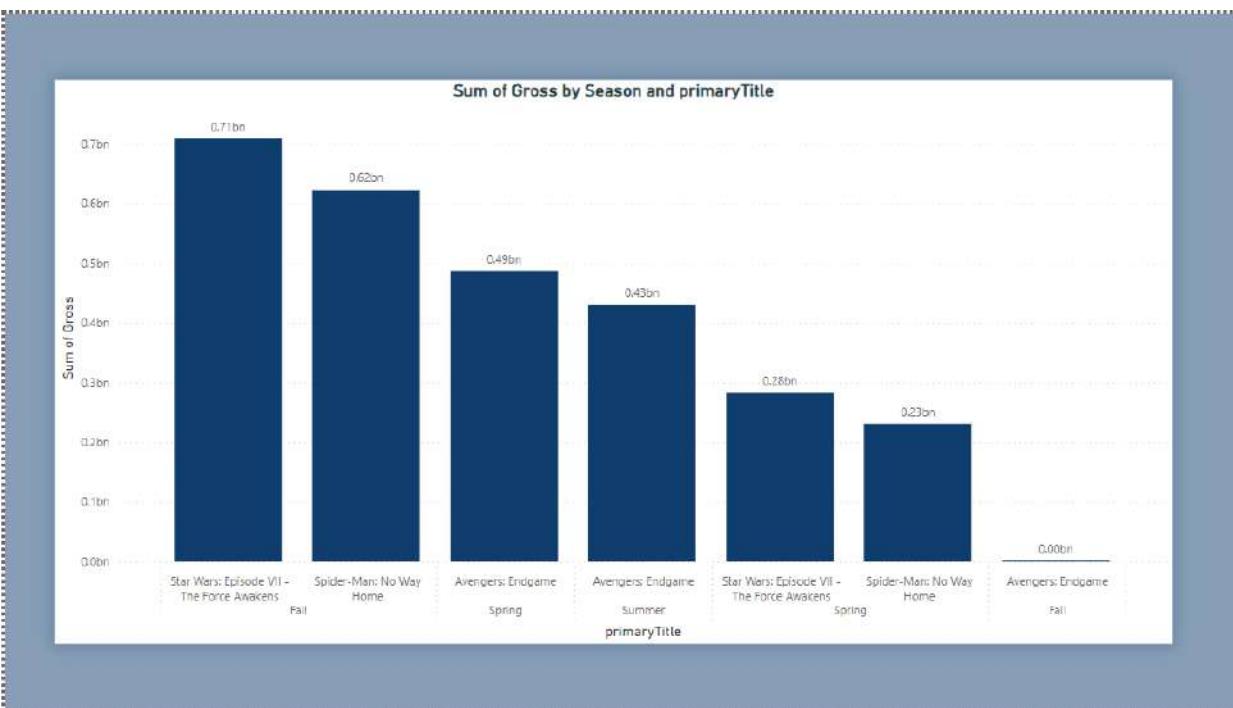
SELECT
    e.primaryTitle,
    e.originalTitle,
    e.startYear,
    e.runtimeMinutes,
    e.Gross,
    e.season
FROM (
    SELECT
        t.primaryTitle,
        t.originalTitle,
        t.startYear,
        t.runtimeMinutes,
        e.Gross,
        CASE
            WHEN d.Month_Num BETWEEN 1 AND 4 THEN 'Spring'
            WHEN d.Month_Num BETWEEN 5 AND 8 THEN 'Summer'
            WHEN d.Month_Num BETWEEN 9 AND 12 THEN 'Fall'
            ELSE 'Unknown'
        END AS season,
        ROW_NUMBER() OVER (PARTITION BY
            CASE
                WHEN d.Month_Num BETWEEN 1 AND 4 THEN 'Spring'
                WHEN d.Month_Num BETWEEN 5 AND 8 THEN 'Summer'
                WHEN d.Month_Num BETWEEN 9 AND 12 THEN 'Fall'
                ELSE 'Unknown'
            END
            ORDER BY e.Gross DESC) AS season_rank
    FROM
        fct_movie_earning e
    JOIN
        dim_date d ON e.dateSK = d.dateSK
    JOIN
        dim_movie_title_mysql t ON e.tconst = t.tconst
    WHERE
        d.Month_Num BETWEEN 1 AND 12
) e
WHERE
    e.season_rank <= 3
ORDER BY
    e.season, e.Gross DESC;

```

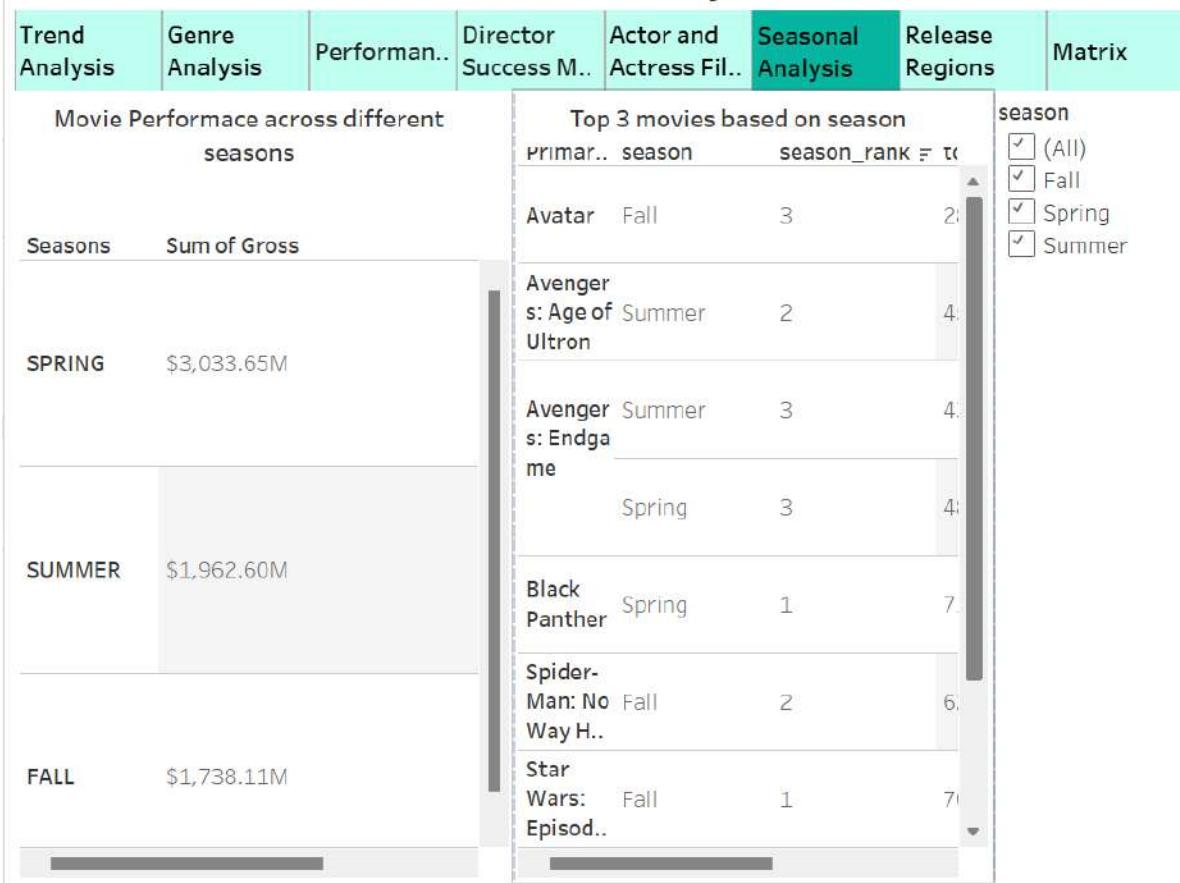
Query 1 Administration - Data Import/Res... SQL File 1 ×

WHERE
d.Month_Num BETWEEN 1 AND 12
)
e
WHERE
e.season_rank <= 3
ORDER BY
e.season, e.Gross DESC;

primaryTitle	originalTitle	startYear	runtimeMinutes	Gross	season
Spider-Man: No Way Home	Spider-Man: No Way Home	2021-01-01 00:00:00	148	121964712	Fall
Star Wars: Episode VII - The Force Awakens	Star Wars: Episode VII - The Force Awakens	2015-01-01 00:00:00	138	119119282	Fall
Spider-Man: No Way Home	Spider-Man: No Way Home	2021-01-01 00:00:00	148	73941279	Fall
Avengers: Endgame	Avengers: Endgame	2019-01-01 00:00:00	181	157461641	Spring
Avengers: Endgame	Avengers: Endgame	2019-01-01 00:00:00	181	109264122	Spring
Avengers: Infinity War	Avengers: Infinity War	2018-01-01 00:00:00	149	106334939	Spring
The Avengers	The Avengers	2012-01-01 00:00:00	143	9017913	Summer
The Avengers	The Avengers	2012-01-01 00:00:00	143	5826863	Summer
The Avengers	The Avengers	2012-01-01 00:00:00	143	5641642	Summer



Seasonal Analysis



Release Regions:

1. Identify movies that have had the widest release across multiple regions.
- a. The goal is to identify which movie was released in most regions.

```

SELECT
tr.titleId,
MAX(tr.title) AS movie_name,
COUNT(DISTINCT tr.region) AS region_count
FROM
dim_titleregion tr
GROUP BY
tr.titleId
ORDER BY
region_count DESC
LIMIT 7;
    
```

```

265   FROM
266     dim_titlesregion tr
267   GROUP BY
268     tr.titleId
269   ORDER BY
270     region_count DESC
271   LIMIT 7;
272

```

Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content: | Fetch rows: |

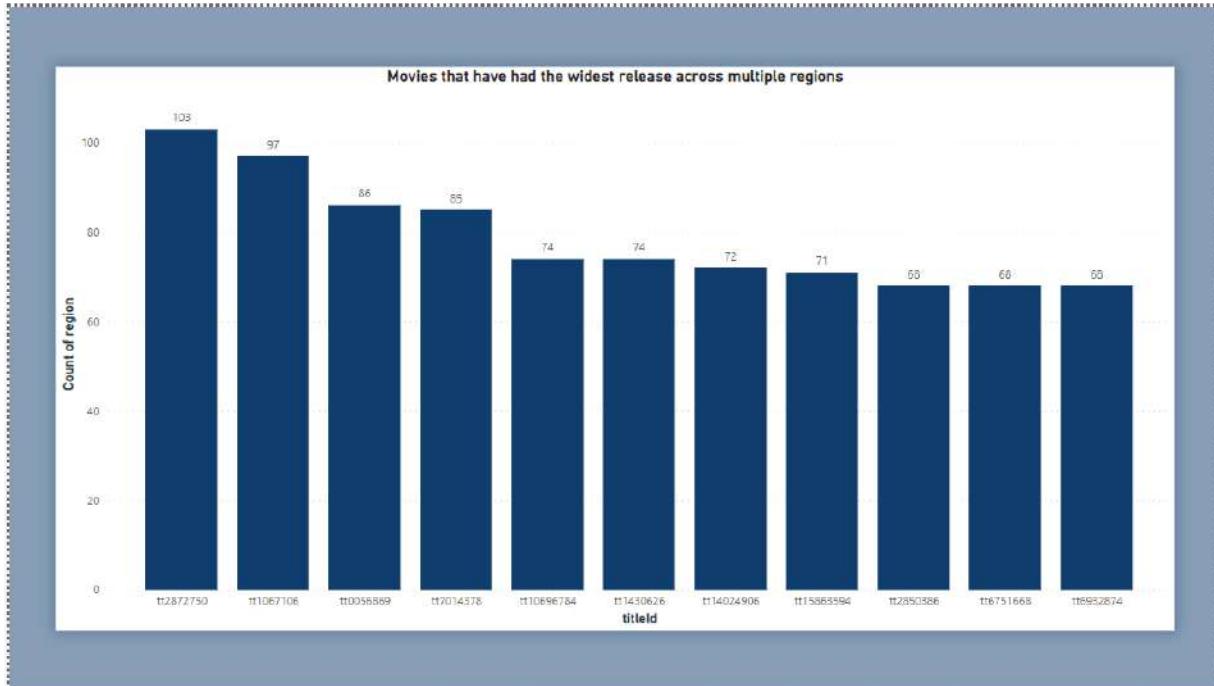
	titleId	movie_name	region_count
▶	tt2872750	笑笑羊大電影	103
	tt1067106	聖誕夜怪譚	97
	tt0056869	鳥	86
	tt7014378	神之山嶺	85
	tt1430626	海賊天團	74
	tt10696784	復仇之淵	74
	tt14024906	Paranoid: Her sey sil bastan	72

RELEASE REGIONS

Trend Analysis | Genre Analysis | Performance | Director Success M.. | Actor and Actress Fil.. | Seasonal Analysis | Release Regions | Matrix

Widest release across multiple regions

Title Id	Max. Title	Distinct count of Region	
tt7014378	Le Sommet des dieux	1	Abc
tt6932874	Босс-молокосос 2	1	Abc
tt6751668	Parazit	1	Abc
tt4302938	Kubo in dve struni	1	Abc
tt2872750	Xiao Yang Xiao En	1	Abc
tt2850386	The Croods 2: A New Age	1	Abc
tt2386490	How to Train Your Dragon: The Hidden World	1	Abc
tt2262227	Книга жизни	1	Abc
tt1667889	Ice Age: Th4w	1	Abc
tt15863594	Just Short of Perfect	1	Abc
tt1430626	Pirates!	1	Abc
tt14024906	Paranoid: Everything Wipe from th..	1	Abc
tt10696784	Vực Sâu Thủ Hận	1	Abc
tt1067106	Navidad divertida de Scrooge	1	Abc



Matrix:

Create a dashboard for the 9 box office movies that shows movie-wise:

1. No. of directors

SELECT

```
me.tconst,
me.primaryTitle AS movie_title,
GROUP_CONCAT(DISTINCT dp.primaryName) AS director_names,
COUNT(DISTINCT c.nconst) AS num_directors
```

FROM

dim_crew c

JOIN

fct_movie_earning fe ON c.tconst = fe.tconst

JOIN

dim_movie_title_mysql me ON fe.tconst = me.tconst

JOIN

dim_person dp ON c.nconst = dp.nconst

where

c.category = "Director"

GROUP BY

me.tconst, me.primaryTitle;

```

534     fct_movie_earning fe ON c.tconst = fe.tconst
535     JOIN [REDACTED]
536         dim_movie_title_mysql me ON fe.tconst = me.tconst
537     JOIN [REDACTED]
538         dim_person dp ON c.nconst = dp.nconst
539     where
540         c.category = "Director"
541     GROUP BY
542         me.tconst, me.primaryTitle;
543

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
tconst	movie_title	director_names	num_directors	
tt0120338	Titanic	James Cameron	1	
tt0499549	Avatar	James Cameron	1	
tt0848228	The Avengers	Joss Whedon	1	
tt10872600	Spider-Man: No Way Home	Jon Watts	1	
tt1825683	Black Panther	Ryan Coogler	1	
tt2395427	Avengers: Age of Ultron	Joss Whedon	1	
tt2488496	Star Wars: Episode VII - The Force Awakens	J.J. Abrams	1	
tt4154756	Avengers: Infinity War	Anthony Russo, Joe Russo	2	
tt4154796	Avengers: Endgame	Anthony Russo, Joe Russo	2	

2. No. of actors/actresses

```

SELECT
me.tconst,
me.primaryTitle AS movie_title,
GROUP_CONCAT(DISTINCT dp.primaryName) AS actor_names,
COUNT(DISTINCT c.nconst) AS num_actors
FROM
dim_crew c
JOIN
fct_movie_earning fe ON c.tconst = fe.tconst
JOIN
dim_movie_title_mysql me ON fe.tconst = me.tconst
JOIN
dim_person dp ON c.nconst = dp.nconst
where
c.category = "actor" or c.category = "actress"
GROUP BY
me.tconst, me.primaryTitle;

```

```

526 •      SELECT
527     me.tconst,
528     me.primaryTitle AS movie_title,
529     GROUP_CONCAT(DISTINCT dp.primaryName) AS actors_names,
530     COUNT(DISTINCT c.nconst) AS num_actors
531   FROM
532     dim_crew c
533   JOIN

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

tconst	movie_title	actors_names	num_actors
tt0120338	Titanic	Billy Zane,Kate Winslet,Kathy Bates,Leonardo DiCaprio	4
tt0499549	Avatar	Michelle Rodriguez,Sam Worthington,Sigourney Weaver,Zoe Saldana	4
tt0848228	The Avengers	Chris Evans,Jeremy Renner,Robert Downey Jr.,Scarlett Johansson	4
tt10872600	Spider-Man: No Way Home	Benedict Cumberbatch,Jacob Batalon,Tom Holland,Zendaya	4
tt1825683	Black Panther	Chadwick Boseman,Danai Gurira,Lupita Nyong'o,Michael B. Jordan	4
tt2395427	Avengers: Age of Ultron	Chris Evans,Chris Hemsworth,Mark Ruffalo,Robert Downey Jr.	4
tt2488496	Star Wars: Episode VII - The Force Awakens	Daisy Ridley,Domhnall Gleeson,John Boyega,Oscar Isaac	4
tt4154756	Avengers: Infinity War	Chris Evans,Chris Hemsworth,Mark Ruffalo,Robert Downey Jr.	4
tt4154796	Avengers: Endgame	Chris Evans,Chris Hemsworth,Mark Ruffalo,Robert Downey Jr.	4

3. No. of writers

```

SELECT
me.tconst,
me.primaryTitle AS movie_title,
GROUP_CONCAT(DISTINCT dp.primaryName) AS writer_names,
COUNT(DISTINCT c.nconst) AS num_writers
FROM
dim_crew c
JOIN
fct_movie_earning fe ON c.tconst = fe.tconst
JOIN
dim_movie_title_mysql me ON fe.tconst = me.tconst
JOIN
dim_person dp ON c.nconst = dp.nconst
where
c.category = "writer"
GROUP BY
me.tconst, me.primaryTitle;

```

```

553 JOIN
554     fct_movie_earning fe ON c.tconst = fe.tconst
555 JOIN
556     dim_movie_title_mysql me ON fe.tconst = me.tconst
557 JOIN
558     dim_person dp ON c.nconst = dp.nconst
559     where
560         c.category = "writer"
561 GROUP BY
562     me.tconst, me.primaryTitle;

```

Result Grid | Filter Rows: _____ | Export: _____ | Wrap Cell Content:

	tconst	movie_title	writer_names	num_writers
▶	tt0848228	The Avengers	Zak Penn	1
	tt10872600	Spider-Man: No Way Home	Chris McKenna,Erik Sommers,Stan Lee,Steve Ditko	4
	tt1825683	Black Panther	Jack Kirby,Joe Robert Cole,Stan Lee	3
	tt2395427	Avengers: Age of Ultron	Jack Kirby,Jim Starlin,Joe Simon,Stan Lee	4
	tt2488496	Star Wars: Episode VII - The Force Awakens	George Lucas,Lawrence Kasdan,Michael Arndt	3
	tt4154756	Avengers: Infinity War	Christopher Markus,Jack Kirby,Stan Lee,Stephe...	4
	tt4154796	Avengers: Endgame	Christopher Markus,Jack Kirby,Stan Lee,Stephe...	4

4. Total worldwide gross earnings

SELECT

```

COUNT(DISTINCT fr.tconst) AS movie_count,
GROUP_CONCAT(DISTINCT me.primaryTitle ORDER BY me.primaryTitle ASC) AS
    movie_names,
SUM(fr.Gross) AS total_gross_earnings
FROM
    dim_crew c
JOIN
    fct_movie_earning fr ON c.tconst = fr.tconst
JOIN
    dim_movie_title_mysql me ON fr.tconst = me.tconst;

```

```

373 • SELECT
374     COUNT(DISTINCT fr.tconst) AS movie_count,
375     GROUP_CONCAT(DISTINCT me.primaryTitle ORDER BY me.primaryTitle ASC) AS movie_names,
376     SUM(fr.Gross) AS total_gross_earnings
377 FROM
378     dim_crew c
379 JOIN

```

Result Grid | Filter Rows: _____ | Export: _____ | Wrap Cell Content:

	movie_count	movie_names	total_gross_earnings
▶	9	Avatar,Avengers: Age of Ultron,Avengers: Endgame,Avengers: Infinity War,Black Panther,Spider-Man: No Way Home,S...	67343621130

SELECT

```

me.tconst,
me.primaryTitle AS movie_title,
SUM(fr.Gross) AS total_gross_earnings
FROM
    dim_crew c
JOIN
    fct_movie_earning fr ON c.tconst = fr.tconst
JOIN

```

```

dim_movie_title_mysql me ON fr.tconst = me.tconst
GROUP BY
me.tconst, me.primaryTitle;

```

The screenshot shows a MySQL query editor with the following code:

```

450
451 • SELECT
452     me.tconst,
453     me.primaryTitle AS movie_title,
454     SUM(fr.Gross) AS total_gross_earnings
455 FROM
456     dim_crew c
457 JOIN
458     fct_movie_earning fr ON c.tconst = fr.tconst

```

Below the code is a result grid table:

	tconst	movie_title	total_gross_earnings
▶	tt0120338	Titanic	6440786380
	tt0499549	Avatar	7605086250
	tt0846228	The Avengers	6377482070
	tt10872600	Spider-Man: No Way Home	8543374680
	tt1825683	Black Panther	7252595660
	tt2395427	Avengers: Age of Ultron	4835984180
	tt2488496	Star Wars: Episode VII - The Force Awakens	9926426890
	tt4154756	Avengers: Infinity War	7178154820
	tt4154796	Avengers: Endgame	9183730000

5. Average ratings

```

SELECT
    me.tconst,
    me.primaryTitle AS movie_title,
    AVG(rt.averageRating) AS average_rating
FROM
    dim_crew c
JOIN
    fct_movie_earning fe ON c.tconst = fe.tconst
JOIN
    dim_movie_title_mysql me ON fe.tconst = me.tconst
JOIN
    fct_rating rt ON fe.tconst = rt.tconst
GROUP BY
    me.tconst, me.primaryTitle;

```

```

466     me.tconst,
467     me.primaryTitle AS movie_title,
468     AVG(rt.averageRating) AS average_rating
469 FROM
470     dim_crew c
471 JOIN
472     fct_movie_earning fe ON c.tconst = fe.tconst
473 JOIN
474     dim_movie_title_mysql me ON fe.tconst = me.tconst

```

Result Grid Filter Rows: _____ Export: Wrap Cell Content:			
	tconst	movie_title	average_rating
▶	tt0120338	Titanic	8.0000
	tt0499549	Avatar	8.0000
	tt0848228	The Avengers	8.0000
	tt10872600	Spider-Man: No Way Home	8.0000
	tt1825683	Black Panther	7.0000
	tt2395427	Avengers: Age of Ultron	7.0000
	tt2488496	Star Wars: Episode VII - The Force Awakens	8.0000
	tt4154756	Avengers: Infinity War	8.0000
	tt4154796	Avengers: Endgame	8.0000

6. No. of regions, it was released

```

SELECT
me.tconst,
me.primaryTitle AS movie_title,
COUNT(DISTINCT tr.region) AS num_regions_released
FROM
dim_crew c
JOIN
fct_movie_earning fe ON c.tconst = fe.tconst
JOIN
dim_movie_title_mysql me ON fe.tconst = me.tconst
JOIN
dim_titleregion tr ON me.tconst = tr.titleId
GROUP BY
me.tconst, me.primaryTitle;

```

```

479
480 •   SELECT
481     me.tconst,
482     me.primaryTitle AS movie_title,
483     COUNT(DISTINCT tr.region) AS num_regions_released

```

Result Grid | Filter Rows: | Export: Wrap Cell Content:

	tconst	movie_title	num_regions_released
▶	tt0120338	Titanic	48
	tt0499549	Avatar	44
	tt0848228	The Avengers	50
	tt10872600	Spider-Man: No Way Home	53
	tt1825683	Black Panther	42
	tt2395427	Avengers: Age of Ultron	50
	tt2488496	Star Wars: Episode VII - The Force Awakens	51
	tt4154756	Avengers: Infinity War	46
	tt4154796	Avengers: Endgame	49

7. No. of genres

```

SELECT
    me.tconst,
    me.primaryTitle AS movie_title,
    COUNT(DISTINCT dg.genres) AS num_genres
FROM
    dim_crew c
JOIN
    fct_movie_earning fe ON c.tconst = fe.tconst
JOIN
    dim_movie_title_mysql me ON fe.tconst = me.tconst
JOIN
    dim_genre dg ON me.tconst = dg.tconst
GROUP BY
    me.tconst, me.primaryTitle;

```

```

500      dim_crew c
501      JOIN
502          fct_movie_earning fe ON c.tconst = fe.tconst
503      JOIN
504          dim_movie_title_mysql me ON fe.tconst = me.tconst
505      JOIN
506          dim_genre dg ON me.tconst = dg.tconst
507      GROUP BY
508          me.tconst, me.primaryTitle;

```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	tconst	movie_title	num_genres
▶	tt0120338	Titanic	2
	tt0499549	Avatar	3
	tt0848228	The Avengers	3
	tt10872600	Spider-Man: No Way Home	3
	tt1825683	Black Panther	3
	tt2395427	Avengers: Age of Ultron	3
	tt2488496	Star Wars: Episode VII - The Force Awakens	3
	tt4154756	Avengers: Infinity War	3
	tt4154796	Avengers: Endgame	3

Dashboard for the 9 box office movies

primaryTitle	Count of genres	Average of averageRating	Sum of Gross	Count of region	Actor/Actress	Director	Writer	Count of region	Count of titleId
■ Titanic	2	8.00	644078658	1	4	1		1	1
■ The Avengers	3	8.00	637748207	1	4	1	1	1	1
■ Star Wars: Episode VII - The Force Awakens	3	8.00	992642689	1	4	1	3	1	1
■ Spider-Man: No Way Home	3	8.00	854337488	1	4	1	4	1	1
■ Black Panther	3	7.00	725259566	1	4	1	3	1	1
■ Avengers: Infinity War	3	8.00	717815482	1	4	2	4	1	1
■ Avengers: Endgame	3	8.00	910373000	1	4	2	4	1	1
■ Avengers: Age of Ultron	3	7.00	483598418	1	4	1	4	1	1
■ Avatar	3	8.00	760508625	1	4	1		1	1

MATRIX

Trend Analysis	Genre Analysis	Performance	Director Success M..	Actor and Actress Fil..	Seasonal Analysis	Release Regions	Matrix
Movie-Wise Director, Actor, Actress, Writer, Gross Earnings, Average Rating and Region							
tconst(fct_movie...=							
Primary Title	Primary Name	Sum of Gross	Average	Category			
tt2488496 Star Wars: Episode VII - The Force Awakens	Daisy Ridley Domhnall Gleeson John Boyega Oscar Isaac	\$992.64M \$992.64M \$992.64M \$992.64M	8 8 8 8	(All) actor actress archive_foo... archive_sou... cinematogr... composer director editor producer production... self writer			
tt4154796 Avengers: Endgame	Chris Evans Chris Hemsworth Mark Ruffalo Robert Downey Jr.	\$918.37M \$918.37M \$918.37M \$918.37M	8 8 8 8				
tt10872600 Spider-Man: No Way Home	Benedict Cumberbatch Jacob Batalon Tom Holland Zendaya	\$854.34M \$854.34M \$854.34M \$854.34M	8 8 8 8				
tt0499549 Avatar	Michelle Rodriguez Sam Worthington Sigourney Weaver Zoe Saldana	\$760.51M \$760.51M \$760.51M \$760.51M	8 8 8 8				
tt1825683 Black Panther	Chadwick Boseman Danai Gurira Lupita Nyong'o Michael B. Jordan	\$725.26M \$725.26M \$725.26M \$725.26M	7 7 7 7				
tt4154756 Avengers: Infinity War	Chris Evans Chris Hemsworth Mark Ruffalo	\$717.82M \$717.82M \$717.82M	8 8 8				