Practice Set 6

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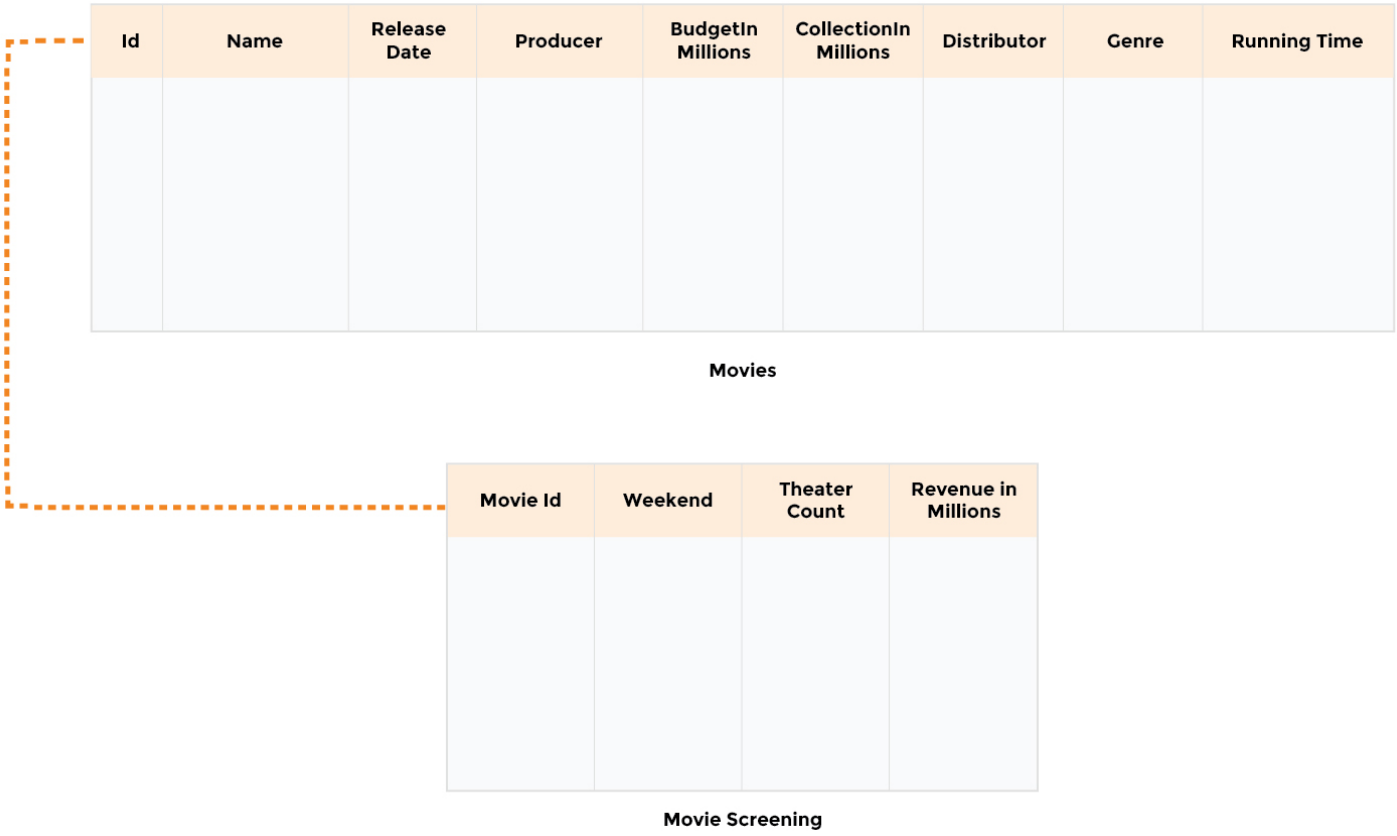
For the purpose of demonstrating analytic window functions, we added a new **MoviesScreening** table and added some columns to the existing **Movies** table. The relevant portion of the database relationship model is printed below.



Connect to the terminal below by clicking in the widget. Once connected, the command line prompt will show up. Enter or copy and paste the command **./DataJek/Lessons/quiz2.sh** and wait for the MySQL prompt to start-up.

Terminal

Write and execute queries for the following questions:

1. **Find the top two movies of distributors who have more than one movie to their name.**

   Expected Result:

Distributor	Movie	CollectionInMillion	Rank
Paramount Pictures	...	...	1
Paramount Pictures	...	...	2
Warner Bros	...	...	1
Warner Bros	...	...	2

2. **Find the total, average, minimum and maximum of the production budget and revenue earned from the Movies table and append the summary data to the top of the table.**

   Expected Result:

Name	BudgetInMillions	CollectionInMillions
Total	...	...
Average	...	...
Maximum	...	...
Minimum	...	...

Ocean’s Twelve	…	…
Mission Impossible	…	…
…	…	…

3. **Calculate the mean median and mode of the running time of movies.**

   Expected Result:

Measure	Value
Mean	…
Median	…
Mode	…

4. **Find the correlation between budget, collection and running time of movies and display the results as a table.**

   Expected Result:

	BudgetInMillions	CollectionInMillions	RunningTime
BudgetInMillions	1.00	…	…
CollectionInMillions	…	1.00	…
RunningTime	…	…	1.00

5. **Find the market share of top 3 distributors and aggregate the remaining distributors in a single row.**

   Expected Result:

Distributor	TotalCollection
distributor 1	amount
distributor 2	amount
distributor 3	amount
All Others	amount