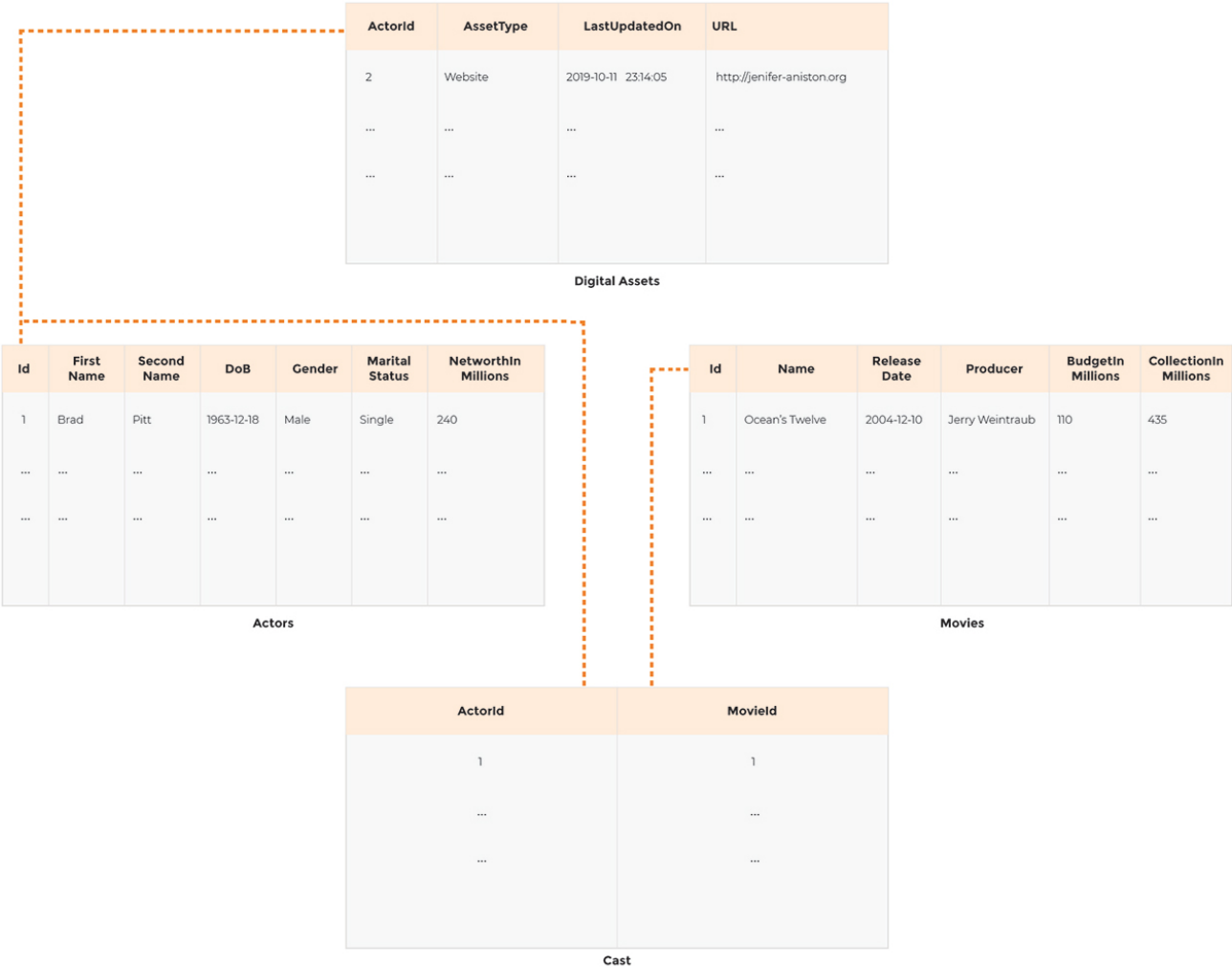# Practice Set 1

We'll build upon the MovieIndustry database we have been working with throughout the lesson. We'll add two more tables for a total of four. The relations between the tables are pictorially depicted below.

ActorId	AssetType	LastUpdatedOn	URL
2	Website	2019-10-11 23:14:05	http://jenifer-aniston.org
...	...	...	...
...	...	...	...

Digital Assets

Id	First Name	Second Name	DoB	Gender	Marital Status	NetworthIn Millions
1	Brad	Pitt	1963-12-18	Male	Single	240
...	...	...	...	...	...	...
...	...	...	...	...	...	...

Actors

Id	Name	Release Date	Producer	BudgetIn Millions	CollectionIn Millions
1	Ocean's Twelve	2004-12-10	Jerry Weintraub	110	435
...	...	...	...	...	...
...	...	...	...	...	...

Movies

ActorId	MovieId
1	1
...	...
...	...

Cast

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/quiz.sh** and wait for the MySQL prompt to start-up

● Terminal

Write and execute queries for the following questions:

1. **Write a query that prints the top three movies by box office collection?**

   Expected Result:

Name
movie 1
movie 2
movie 3

2. **Can you write a query to determine if any two actors share the same second name?**

   Expected Result:

Actors_With_Shared_SecondNames
actor 1
actor 2
...
...
actor n

3. **Write a query to count the number of actors who share the same second name. Print the second name along with the count.**

   Expected Result:

Actors_With_Shared_SecondNames	Count
second name 1	cnt#1
second name 2	cnt#2
...	...
...	...
second name n	cnt#n

4. **Write a query to display all those actors who have acted in at least one movie.**

   Expected Result:

Actors_Acted_In_Atleast_1_Movies
actor 1
actor 2
...
...
actor n

5. **As a corollary to the previous question, can you find the different ways of listing those aspiring actors who haven't acted in any movie yet?**

   Expected Result:

Actors_With_No_Movies
actor 1
actor 2
...
...
actor n