

COMS W4111: Introduction to Databases

Spring 2023, Sections 002, V02

Non-Programming Track, HW2, Part 2

Introduction

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Environment

- Test environment.
- Set your MySQL user and password below.

```
In [1]: mysql_user = "root"
mysql_pw = "12345678"
```

```
In [2]: %load_ext sql
```

```
In [3]: full_url = f"mysql+pymysql://{mysql_user}:{mysql_pw}@localhost"
full_url
```

```
Out[3]: 'mysql+pymysql://root:12345678@localhost'
```

```
In [4]: %sql $full_url
```

```
In [5]: %sql select * from db_book.student;

* mysql+pymysql://root:***@localhost
13 rows affected.
```

Out[5]:

ID	name	dept_name	tot_cred
00128	Zhang	Comp. Sci.	102
12345	Shankar	Comp. Sci.	32
19991	Brandt	History	80
23121	Chavez	Finance	110
44553	Peltier	Physics	56
45678	Levy	Physics	46
54321	Williams	Comp. Sci.	54
55739	Sanchez	Music	38
70557	Snow	Physics	0
76543	Brown	Comp. Sci.	58
76653	Aoi	Elec. Eng.	60
98765	Bourikas	Elec. Eng.	98
98988	Tanaka	Biology	120

Submission Instructions

- See Ed for instructions.

Data and Scheme Cleanup

characters and name_basics_all

- The task is to "clean up" `characters` and produce a table `charactersFixed`.
- The task will require adding missing rows to `name_basics_all`. There are two rows in `characters` that have an `actorLink` and `actorName` for which there is no matching row in `name_basics_all`.
- `characters` has two actors with actorNames `Barry John O'Connor` and `Barry O'Connor` who are the same actor.
- My `charactersFixed` has the following columns:
 - `characterId` is a generated primary key. See below for an explanation.
 - `characterName`: The value from `characters`.
 - `characterImdbID`: The `characterLink` from `characters` with `/character/` removed.
 - `characterLink`: The `characterLink` from `characters`.
 - `actorNConst`: `actorLink` from `characters`.
 - `actorLink`: A value of the form `/names/` followed by the `actorNConst`.
 - `characterImageFull`: The value from `characters`.
 - `characterImageThumb`: The value from `characters`.
 - `kingsguard`: The value from `characters`.
 - `royal`: The value from `characters`.
- The algorithm for generating the `characterID` on insert is the following:
 - The prefix for the `character` is either:
 - The substring of `characterName` preceding the first ' '.
 - The `characterName` if there is no ' '.
 - If there are `N` rows in the table, the number after the prefix is `N+1`.
 - Implementing this is tricky. Your first attempt might rely on `auto-increment`, but this does not work. You may also be tempted to count rows, but that does not work. A hint is that you will need to use a trigger and some other table/data that you create.
- The directory with this notebook contains data from my version of `charactersFixed`.
- The cells below load the data to allow you to examine. In your SQL table, `NaN` will be `NULL`.

```
In [6]: import pandas as pd
```

```
In [7]: characters_df = pd.read_csv('./charactersFixed.csv')
```

```
In [8]: characters_df
```

Out[8]:

	characterId	characterName	characterImdbID	characterLink	actorNconst	
0	Addam1	Addam Marbrand	ch0305333	/character/ch0305333	nm0389698	/nam
1	Aegon2	Aegon Targaryen	NaN	NaN	NaN	
2	Aeron3	Aeron Greyjoy	ch0540081	/character/ch0540081	nm0269923	/nam
3	Aerys4	Aerys II Targaryen	ch0541362	/character/ch0541362	nm0727778	/nam
4	Akho5	Akho	ch0544520	/character/ch0544520	nm6729880	/nam
...	
384	Young385	Young Nan	ch0305018	/character/ch0305018	nm1519719	/nar
385	Young386	Young Ned	ch0154681	/character/ch0154681	nm7075019	/nar
386	Young387	Young Ned Stark	ch0154681	/character/ch0154681	nm7509185	/nar
387	Young388	Young Rodrik Cassel	ch0171391	/character/ch0171391	nm7509186	/nar
388	Zanrush389	Zanrush	ch0540870	/character/ch0540870	nm0503319	/nam

389 rows × 10 columns

- Your answer below should show all of your SQL statements, including DDL, for creating and loading `charactersFixed` as well as changes to `name_basics_all`.
- You can use the data in the CSV file to test your work. Show at least one test.

In [9]: %%sql

```
/* Create a copy of characters table to preserve data for modifying */

use s23_w4111_hw2_dyh2111;
drop table if exists charactersCopy;

CREATE TABLE charactersCopy SELECT * FROM characters;

/* Modify data types for compatibility in final table */

alter table charactersCopy
  modify characterName      varchar(30)  null,
  modify characterLink      varchar(200) null,
  modify actorLink          varchar(30)  null,
  modify characterImageFull varchar(200) null,
  modify characterImageThumb varchar(200) null,
  modify kingsguard         boolean null,
  modify royal              boolean null;

/* Create temp indexing table */

drop table if exists tempIndex;

create table tempIndex
(
  characterId      int null,
  characterName    varchar(30) null
);

INSERT INTO
  tempIndex(
    characterId,
    characterName
  )
SELECT
  (ROW_NUMBER() OVER (ORDER BY (SELECT 1))),
  characterName
FROM
  charactersCopy;
```

* mysql+pymysql://root:***@localhost
0 rows affected.
0 rows affected.
389 rows affected.
389 rows affected.
0 rows affected.
0 rows affected.
389 rows affected.

Out[9]: []

```
In [10]: %%sql

/* Deal with Mr O'Connor's dupes */

use s23_w4111_hw2_dyh2111;

UPDATE charactersCopy
    SET actorLink = (SELECT actorLink WHERE actorName LIKE "%Barry% O'Co
    WHERE actorName LIKE "%Barry% O'Connor" AND actorLink IS NULL;

* mysql+pymysql://root:***@localhost
0 rows affected.
1 rows affected.

Out[10]: []
```

```
In [11]: %%sql

/* Create charactersFixed table, drop if it already exists */

use s23_w4111_hw2_dyh2111;
drop table if exists charactersFixed;

create table charactersFixed
(
    characterId          varchar(20)  not null primary key,
    characterName        varchar(30)  not null,
    characterImdbID      varchar(20)  null,
    characterLink        varchar(40)  null,
    actorNConst         varchar(30)  null,
    actorLink            varchar(30)  null,
    characterImageFull   varchar(200) null,
    characterImageThumb  varchar(200) null,
    kingsguard           boolean      null,
    royal                boolean      null
);

* mysql+pymysql://root:***@localhost
0 rows affected.
0 rows affected.
0 rows affected.

Out[11]: []
```

In [12]: **%%sql**

```
/* Trigger to generate characterID
use s23_w4111_hw2_dyh2111;

drop trigger if exists characterIdGenerator;

create trigger characterIdGenerator
  before insert
  on s23_w4111_hw2_dyh2111.charactersFixed
  for each row

  SET new.characterId = (SELECT characterId, characterName
                        From tempIndex, charactersFixed
                        );

*/
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
```

Out[12]: []

In [13]: **%%sql**

```
/* NOTES
use s23_w4111_hw2_dyh2111;

SELECT CONCAT((SELECT SUBSTRING_INDEX(characterName, " ", 1)),characterId) FR
WHERE characterName IN ("WALLEN");

SELECT CONCAT(

                                (SELECT SUBSTRING_INDEX(new.characterName, "

                                (SELECT characterId
                                FROM tempIndex
                                WHERE characterName
                                IN (SELECT characterName FROM charactersCopy))

*/
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
```

Out[13]: []

In [14]: %%sql

```
/* Copy values to charactersFixed and modify if needed from charactersCopy

use s23_w4111_hw2_dyh2111;

INSERT INTO
    charactersFixed (
        characterId,
        characterName,
        characterImdbID,
        characterLink,
        actorNConst,
        actorLink,
        characterImageFull,
        characterImageThumb,
        kingsguard,
        royal
    )
SELECT
    (CONCAT((SELECT SUBSTRING_INDEX(characterName, " ", 1)), (ROW_NUMBER()
    OVER (PARTITION BY characterName,
        (LEFT((SELECT RIGHT(characterLink, 10)), 9)),
        characterLink,
        actorLink,
        (CONCAT('/names/', actorLink)),
        characterImageFull,
        characterImageThumb,
        kingsguard,
        royal
    FROM
        charactersCopy;
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
389 rows affected.
```

Out[14]: []

In [15]: %%sql

```
SELECT * from charactersFixed
```

```
* mysql+pymysql://root:***@localhost
389 rows affected.
```

Out[15]:

characterId	characterName	characterImdbID	characterLink	actorNConst
-------------	---------------	-----------------	---------------	-------------

Addam1	Addam Marbrand	ch0305333	/character/ch0305333/	nm0305333
Aegon2	Aegon Targaryen	None	None	
Aeron3	Aeron Greyjoy	ch0540081	/character/ch0540081/	nm0540081
Aerys4	Aerys II Targaryen	ch0541362	/character/ch0541362/	nm0541362

Akho5	Akho	ch0544520	/character/ch0544520/	nm6
Alliser6	Alliser Thorne	ch0246938	/character/ch0246938/	nm0
Alton7	Alton Lannister	ch0305012	/character/ch0305012/	nm0
Alys8	Alys Karstark	ch0576836	/character/ch0576836/	nm8
Amory9	Amory Lorch	ch0305002	/character/ch0305002/	nm0
Anguy10	Anguy	ch0316930	/character/ch0316930/	nm1
Archmaester11	Archmaester Marwyn	ch0578265	/character/ch0578265/	nm0
Areo12	Areo Hotah	ch0507107	/character/ch0507107/	nm0
Armeca13	Armeca	ch0305014	/character/ch0305014/	nm1
Arthur14	Arthur	ch0305326	/character/ch0305326/	nm8
Arthur15	Arthur Dayne	ch0540097	/character/ch0540097/	nm1
Arya16	Arya Stark	ch0158604	/character/ch0158604/	nm3
Baby17	Baby Sam	ch0547881	/character/ch0547881/	
Balon18	Balon Greyjoy	ch0292152	/character/ch0292152/	nm0
Baratheon19	Baratheon Guard	ch0350989	/character/ch0350989/	nm4
Barristan20	Barristan Selmy	ch0241346	/character/ch0241346/	nm0
Benjen21	Benjen Stark	ch0153996	/character/ch0153996/	nm1
Beric22	Beric Dondarrion	ch0305320	/character/ch0305320/	
Bianca23	Bianca	ch0541364	/character/ch0541364/	nm4
Biter24	Biter	ch0305028	/character/ch0305028/	nm0
Black25	Black Lorren	ch0266524	/character/ch0266524/	nm1
Black26	Black Walder Rivers	ch0014591	/character/ch0014591/	nm1
Bobono27	Bobono	ch0541790	/character/ch0541790/	nm5
Bowen28	Bowen Marsh	ch0305036	/character/ch0305036/	nm1
Bran30	Bran Stark	ch0234897	/character/ch0234897/	nm3

Brandon29	Brandon Stark	None	None	
Brea31	Brea	ch0539337	/character/ch0539337/	nm5
Brienne32	Brienne of Tarth	ch0254503	/character/ch0254503/	nm3
Bronn33	Bronn	ch0241345	/character/ch0241345/	nm0:
Brother34	Brother Ray	ch0541878	/character/ch0541878/	nm0
Brynden35	Brynden Tully	ch0381563	/character/ch0381563/	nm0
Captain36	Captain of the Archers	ch0540864	/character/ch0540864/	nm1
Catelyn37	Catelyn Stark	ch0145135	/character/ch0145135/	nm0
Catspaw38	Catspaw Assassin	ch0305046	/character/ch0305046/	nm0:
Cersei39	Cersei Lannister	ch0159526	/character/ch0159526/	nm0
Child40	Child of the Forest	ch0414315	/character/ch0414315/	nm2:
Citadel41	Citadel Maester	ch0478670	/character/ch0478670/	nm0:
Colen42	Colen of Greenpools	ch0350989	/character/ch0350989/	nm4:
Craster43	Craster	ch0300218	/character/ch0300218/	nm0:
Daario44	Daario Naharis	ch0335040	/character/ch0335040/	
Daenerys45	Daenerys Targaryen	ch0158597	/character/ch0158597/	nm3:
Dagmer46	Dagmer Cleftjaw	ch0304762	/character/ch0304762/	nm0
Daisy47	Daisy	ch0305015	/character/ch0305015/	nm3:
Davos48	Davos Seaworth	ch0255396	/character/ch0255396/	nm0
Dickon49	Dickon Tarly	ch0541363	/character/ch0541363/	
Dongo50	Dongo the Giant	ch0510932	/character/ch0510932/	nm1
Donnel51	Donnel Waynwood	ch0544229	/character/ch0544229/	nm1:
Dontos52	Dontos Hollard	ch0305031	/character/ch0305031/	nm0
Doran53	Doran Martell	ch0468006	/character/ch0468006/	nm0:
Doreah54	Doreah	ch0248504	/character/ch0248504/	nm1

Dothraki55	Dothraki Bloodrider #1	ch0542918	/character/ch0542918/	nm6
Dothraki56	Dothraki Bloodrider #2	ch0542918	/character/ch0542918/	nm2
Drennan57	Drennan	ch0305030	/character/ch0305030/	nm2
Drogon58	Drogon	None	None	
Drowned59	Drowned Priest	ch0411375	/character/ch0411375/	nm0
Eddard60	Eddard Stark	ch0154681	/character/ch0154681/	nm0
Eddison61	Eddison Tollett	ch0305008	/character/ch0305008/	nm0
Edmure62	Edmure Tully	ch0316931	/character/ch0316931/	nm0
Elia64	Elia Martell	None	None	
Ellaria63	Ellaria Sand	ch0309687	/character/ch0309687/	nm0
Eon65	Eon Hunter	ch0305321	/character/ch0305321/	nm4
Euron66	Euron Greyjoy	ch0518715	/character/ch0518715/	nm1
Faceless67	Faceless Man	ch0259179	/character/ch0259179/	nm2
Farlen68	Farlen	ch0305027	/character/ch0305027/	nm0
Gared69	Gared	ch0171395	/character/ch0171395/	nm0
Gatins70	Gatins	ch0523969	/character/ch0523969/	nm2
Gendry71	Gendry	ch0300040	/character/ch0300040/	nm1
Gerold72	Gerold Hightower	ch0540530	/character/ch0540530/	nm6
Ghost73	Ghost	None	None	
Gilly74	Gilly	ch0306819	/character/ch0306819/	nm2
Goldcloak75	Goldcloak	ch0305037	/character/ch0305037/	nm3
Goldcloak76	Goldcloak	ch0305037	/character/ch0305037/	nm0
Goldcloak77	Goldcloak #1	ch0305037	/character/ch0305037/	nm2
Goldcloak78	Goldcloak #2	ch0305037	/character/ch0305037/	nm4
Grand79	Grand Maester Pycelle	ch0232836	/character/ch0232836/	nm0
Great80	Great Master #1	ch0525536	/character/ch0525536/	
Great81	Great Master #2	ch0525536	/character/ch0525536/	
Great82	Great Master #3	ch0525536	/character/ch0525536/	nm0

Great83	Great Master #4	ch0525536	/character/ch0525536/	nm7
Great84	Great Master #5	ch0525536	/character/ch0525536/	nm3
Great85	Great Master #6	ch0525536	/character/ch0525536/	nm7
Great86	Great Master #7	ch0525536	/character/ch0525536/	nm7
Greatjon87	Greatjon Umber	ch0305010	/character/ch0305010/	nm0
Gregor88	Gregor Clegane	ch0245401	/character/ch0245401/	
Greizhen89	Greizhen mo Ullhor	ch0396531	/character/ch0396531/	nm0
Grenn90	Grenn	ch0251496	/character/ch0251496/	nm4
Grey91	Grey Wind	None	None	
Grey92	Grey Worm	ch0335038	/character/ch0335038/	nm2
Hallyne93	Hallyne	ch0259178	/character/ch0259178/	nm0
Handmaid94	Handmaid	ch0537855	/character/ch0537855/	nm6
Handmaid95	Handmaid	ch0537855	/character/ch0537855/	nm2
Harald96	Harald Karstark	ch0542917	/character/ch0542917/	nm
Harry97	Harry Strickland	None	None	nm4
High100	High Septon	ch0508056	/character/ch0508056/	nm0
High101	High Sparrow	ch0476559	/character/ch0476559/	nm0
High98	High Priestess	ch0539898	/character/ch0539898/	nm0
High99	High Septon	ch0508056	/character/ch0508056/	nm0
Hizdahr102	Hizdahr zo Loraq	ch0414458	/character/ch0414458/	nm2
Hodor103	Hodor	ch0238584	/character/ch0238584/	nm3
Hoster104	Hoster Tully	ch0540082	/character/ch0540082/	nm0
Hot105	Hot Pie	ch0273432	/character/ch0273432/	nm3
Howland106	Howland Reed	ch0543132	/character/ch0543132/	nm4
Hugh107	Hugh of the Vale	ch0305026	/character/ch0305026/	nm2
Illyrio108	Illyrio Mopatis	ch0172909	/character/ch0172909/	nm0

Ilyn109	Ilyn Payne	ch0246254	/character/ch0246254/	nm3
Irri110	Irri	ch0249444	/character/ch0249444/	nm3:
Izembaro111	Izembaro	ch0540561	/character/ch0540561/	nm0
Jacks112	Jacks	ch0305034	/character/ch0305034/	nm4
Jafer113	Jafer Flowers	None	None	
Jaime114	Jaime Lannister	ch0158527	/character/ch0158527/	nm0
Janos115	Janos Slynt	ch0300651	/character/ch0300651/	nm0
Jaquen's117	Jaquen's Disguise	ch0259179	/character/ch0259179/	nm0
Jaquen116	Jaquen H'ghar	ch0259179	/character/ch0259179/	nm0:
Jaremy118	Jaremy Rykker	ch0305324	/character/ch0305324/	nm4:
Jeor119	Jeor Mormont	ch0251492	/character/ch0251492/	nm0
Jhiqui120	Jhiqui	ch0305044	/character/ch0305044/	nm4:
Joffrey121	Joffrey Baratheon	ch0156278	/character/ch0156278/	nm0
Jojen122	Jojen Reed	ch0316921	/character/ch0316921/	nm1:
Jon123	Jon Arryn	ch0251737	/character/ch0251737/	nm0:
Jon124	Jon Snow	ch0155777	/character/ch0155777/	nm3:
Jonos125	Jonos Bracken	ch0305332	/character/ch0305332/	nm0:
Jorah126	Jorah Mormont	ch0158221	/character/ch0158221/	nm0
Jory127	Jory Cassel	ch0245400	/character/ch0245400/	nm0:
Joyeuse128	Joyeuse Erenford	ch0304494	/character/ch0304494/	nm4:
Karl129	Karl Tanner	ch0396528	/character/ch0396528/	nm1
Karsi130	Karsi	ch0512707	/character/ch0512707/	nm2
Kayla131	Kayla	ch0431526	/character/ch0431526/	nm4:
Kegs132	Kegs	ch0305327	/character/ch0305327/	nm2
Kevan133	Kevan Lannister	ch0305013	/character/ch0305013/	nm0
Khal134	Khal Drogo	ch0171388	/character/ch0171388/	nm0:

Khal135	Khal Moro	ch0538748	/character/ch0538748/	nm0
Khal136	Khal Rhalko	ch0535371	/character/ch0535371/	nm3
King's141	King's Landing Rioter #1	ch0348391	/character/ch0348391/	nm1
King's142	King's Landing Rioter #2	ch0348391	/character/ch0348391/	nm0
King's143	King's Landing Rioter #3	ch0348391	/character/ch0348391/	nm5
King137	King Joffrey Baratheon Dwarf	ch0156278	/character/ch0156278/	nm0
King138	King Renly Baratheon Dwarf	ch0246253	/character/ch0246253/	nm2
King139	King Robb Stark Dwarf	ch0158596	/character/ch0158596/	nm3
King140	King Stannis Baratheon Dwarf	ch0250897	/character/ch0250897/	nm3
Kinvara144	Kinvara	ch0540065	/character/ch0540065/	nm0
Kitty145	Kitty Frey	ch0576869	/character/ch0576869/	nm8
Knight146	Knight of House Frey	ch0305317	/character/ch0305317/	nm3
Knight147	Knight of House Lynderly	ch0305322	/character/ch0305322/	nm0
Kovarro148	Kovarro	ch0304969	/character/ch0304969/	nm0
Kraznys149	Kraznys mo Nakloz	ch0339503	/character/ch0339503/	nm0
Kurleket150	Kurleket	ch0305315	/character/ch0305315/	nm4
Lady151	Lady	None	None	
Lady152	Lady Crane	ch0541190	/character/ch0541190/	nm0
Lancel153	Lancel Lannister	ch0376927	/character/ch0376927/	nm1
Lannister154	Lannister Captain	ch0305308	/character/ch0305308/	nm0
Lannister155	Lannister Captain	ch0305308	/character/ch0305308/	nm0
Lannister156	Lannister Guardsmen	ch0305047	/character/ch0305047/	nm1

Lannister157	Lannister Messenger	ch0379228	/character/ch0379228/	nm4.
Lannister158	Lannister Scout	ch0379230	/character/ch0379230/	nm3.
Lead159	Lead Dornish Guard	ch0539716	/character/ch0539716/	nm5.
Leaf160	Leaf	ch0467999	/character/ch0467999/	
Lem161	Lem Lemoncloak	ch0542106	/character/ch0542106/	nm1
Leo162	Leo Lefford	ch0305040	/character/ch0305040/	nm0
Lhara163	Lhara	ch0476558	/character/ch0476558/	nm3.
Little164	Little Bird	ch0305326	/character/ch0305326/	nm6
Little165	Little Bird	ch0305326	/character/ch0305326/	nm4.
Little166	Little Bird #3	ch0305326	/character/ch0305326/	nm8
Little167	Little Bird #4	ch0305326	/character/ch0305326/	nm8
Little168	Little Bird #5	ch0305326	/character/ch0305326/	nm8
Little169	Little Bird #6	ch0305326	/character/ch0305326/	nm8
Little170	Little Bird #7	ch0305326	/character/ch0305326/	nm6.
Loboda171	Loboda	ch0511931	/character/ch0511931/	nm1
Locke172	Locke	ch0045904	/character/ch0045904/	nm0.
Lollys173	Lollys Stokeworth	ch0511247	/character/ch0511247/	nm5.
Lommy174	Lommy Greenhands	ch0257030	/character/ch0257030/	nm2.
Loras175	Loras Tyrell	ch0231428	/character/ch0231428/	nm3
Lord176	Lord Galbart Glover	ch0305041	/character/ch0305041/	nm5
Lord177	Lord Portan	ch0305334	/character/ch0305334/	nm1
Lord178	Lord Varys	ch0249636	/character/ch0249636/	nm0
Lordsport179	Lordsport Dockhand	ch0379224	/character/ch0379224/	nm0
Lothar180	Lothar Frey	ch0384471	/character/ch0384471/	
Loyal181	Loyal Night's Watchman #1	ch0509452	/character/ch0509452/	nm3.
Loyal182	Loyal Night's Watchman #2	ch0509452	/character/ch0509452/	nm6

Lyanna183	Lyanna Mormont	ch0541884	/character/ch0541884/	nm8
Lyanna184	Lyanna Stark	ch0543804	/character/ch0543804/	nm4
Lysa185	Lysa Arryn	ch0251736	/character/ch0251736/	nm0
Mace186	Mace Tyrell	ch0384328	/character/ch0384328/	nm0
Maester187	Maester Aemon	ch0246936	/character/ch0246936/	nm0
Maester188	Maester Cressen	ch0255280	/character/ch0255280/	nm0
Maester189	Maester Luwin	ch0171393	/character/ch0171393/	nm0
Maester190	Maester Wolkan	ch0550545	/character/ch0550545/	nm1
Mag191	Mag the Mighty	ch0510933	/character/ch0510933/	nm2
Maggy192	Maggy	ch0334882	/character/ch0334882/	nm0
Mago193	Mago	ch0379227	/character/ch0379227/	nm2
Male194	Male Prostitute	ch0441614	/character/ch0441614/	nm4
Malko195	Malko	ch0519184	/character/ch0519184/	nm0
Mance196	Mance Rayder	ch0335039	/character/ch0335039/	nm0
Mandon197	Mandon Moore	ch0306220	/character/ch0306220/	nm0
Manservant198	Manservant	ch0525536	/character/ch0525536/	nm6
Marei199	Marei	ch0431527	/character/ch0431527/	nm4
Margaery's201	Margaery's Handmaiden	ch0270368	/character/ch0270368/	nm2
Margaery200	Margaery Tyrell	ch0251974	/character/ch0251974/	nm1
Marillion202	Marillion	ch0305001	/character/ch0305001/	nm2
Martyn203	Martyn Lannister	ch0395355	/character/ch0395355/	nm2
Masha204	Masha Heddle	ch0305314	/character/ch0305314/	nm3
Matthos205	Matthos Seaworth	ch0305029	/character/ch0305029/	nm4
Meera206	Meera Reed	ch0316928	/character/ch0316928/	nm1
Meereen207	Meereen Slave Master	ch0525536	/character/ch0525536/	nm

Melessa208	Melessa Tarly	ch0541191	/character/ch0541191/	nm0
Melisandre209	Melisandre	ch0287523	/character/ch0287523/	nm0:
Merchant210	Merchant Captain	ch0531846	/character/ch0531846/	nm0
Mero211	Mero	ch0123670	/character/ch0123670/	nm2
Meryn212	Meryn Trant	ch0246933	/character/ch0246933/	nm0
Mhaegen213	Mhaegen	ch0305038	/character/ch0305038/	nm4:
Mikken214	Mikken	ch0348528	/character/ch0348528/	nm4:
Mirelle215	Mirelle	ch0323607	/character/ch0323607/	nm2:
Mirri216	Mirri Maz Duur	ch0305011	/character/ch0305011/	nm0
Missandei217	Missandei	ch0316923	/character/ch0316923/	nm2
Mord218	Mord	ch0229099	/character/ch0229099/	nm:
Mossador219	Mossador	ch0508053	/character/ch0508053/	nm0
Musician220	Musician #1	ch0542919	/character/ch0542919/	nm5:
Musician221	Musician #1	ch0542919	/character/ch0542919/	nm1
Musician222	Musician #2	ch0542919	/character/ch0542919/	nm5
Musician223	Musician #2	ch0542919	/character/ch0542919/	nm1
Musician224	Musician #3	ch0542919	/character/ch0542919/	nm1
Musician225	Musician #3	ch0542919	/character/ch0542919/	nm8
Musician226	Musician #4	ch0542919	/character/ch0542919/	nm8
Musician227	Musician #5	ch0542919	/character/ch0542919/	nm19
Mycah228	Mycah	ch0305045	/character/ch0305045/	nm4:
Myranda229	Myranda	ch0316926	/character/ch0316926/	nm3
Myrcella230	Myrcella Baratheon	ch0238585	/character/ch0238585/	
Ned231	Ned Umber	/nm913225	/title/tt0944947/characters/nm9132255	nm9
Night's232	Night's Watch Deserter	ch0305319	/character/ch0305319/	nm3:
Night's233	Night's Watch Messenger	ch0305327	/character/ch0305327/	nm0

Night's Watch

Night's234	Officer	ch0305036	/character/ch0305036/	nm4
Night's235	Night's Watch Officer	ch0305036	/character/ch0305036/	nm5
Night's236	Night's Watchman	ch0509452	/character/ch0509452/	nm2
Night's237	Night's Watchman	ch0509452	/character/ch0509452/	nm6
Night's238	Night's Watchman	ch0509452	/character/ch0509452/	nm3
Night's239	Night's Watchman #1	ch0509452	/character/ch0509452/	nm0
Night's240	Night's Watchman #2	ch0509452	/character/ch0509452/	nm6
Night's241	Night's Watchman #2	ch0509452	/character/ch0509452/	nm0
Northman242	Northman Rioter	ch0348391	/character/ch0348391/	nm5
Nymeria243	Nymeria	None	None	
Nymeria244	Nymeria Sand	ch0468074	/character/ch0468074/	nm3
Obara245	Obara Sand	ch0468001	/character/ch0468001/	nm1
Oberyn246	Oberyn Martell	ch0392307	/character/ch0392307/	nm0
Old247	Old Nan	ch0305018	/character/ch0305018/	nm0
Old248	Old Woman Prisoner	ch0327535	/character/ch0327535/	nm0
Olenna249	Olenna Tyrell	ch0010188	/character/ch0010188/	nm0
Olly250	Olly	ch0508055	/character/ch0508055/	nm5
Olyvar251	Olyvar	ch0403194	/character/ch0403194/	nm4
Orell252	Orell	ch0316922	/character/ch0316922/	nm0
Ornela253	Ornela	ch0540537	/character/ch0540537/	nm4
Osha254	Osha	ch0295802	/character/ch0295802/	nm1
Othell255	Othell Yarwyck	ch0305003	/character/ch0305003/	nm1
Othor256	Othor	None	None	
Pentoshi				

Pentoshi257	Servant	ch0305042	/character/ch0305042/	nm4.
Petyr258	Petyr Baelish	ch0245982	/character/ch0245982/	nm0
Podrick259	Podrick Payne	ch0306046	/character/ch0306046/	nm4.
Polliver260	Polliver	ch0305023	/character/ch0305023/	nm3.
Prendahl261	Prendahl na Ghezn	ch0339504	/character/ch0339504/	nm0
Pyat262	Pyat Pree	ch0303952	/character/ch0303952/	nm0
Pypar263	Pypar	ch0273477	/character/ch0273477/	nm1
Qhono264	Qhono	ch0540066	/character/ch0540066/	nm7
Qhorin265	Qhorin Halfhand	ch0303951	/character/ch0303951/	nm1.
Qotho266	Qotho	ch0246162	/character/ch0246162/	nm1.
Quaithe267	Quaithe	ch0305022	/character/ch0305022/	nm3
Qyburn268	Qyburn	ch0316929	/character/ch0316929/	nm0.
Rakharo269	Rakharo	ch0251495	/character/ch0251495/	nm1
Ramsay270	Ramsay Snow	ch0321004	/character/ch0321004/	nm3
Randyll271	Randyll Tarly	ch0524408	/character/ch0524408/	nm0
Rast272	Rast	ch0251498	/character/ch0251498/	nm4.
Rattleshirt273	Rattleshirt	ch0305888	/character/ch0305888/	
Razdal274	Razdal mo Eraz	ch0413591	/character/ch0413591/	nm1
Red275	Red Keep Stableboy	ch0379229	/character/ch0379229/	nm4
Red276	Red Priestess	ch0540866	/character/ch0540866/	nm4.
Red277	Red Priestess	ch0540866	/character/ch0540866/	nm3.
Renly278	Renly Baratheon	ch0246253	/character/ch0246253/	nm2
Rhaegal279	Rhaegal	None	None	
Rhaegar280	Rhaegar Targaryen	None	None	
Rhaego281	Rhaego	None	None	

Rhaella282	Rhaella Targaryen	None	None	
Rhaenys283	Rhaenys Targaryen	None	None	
Rickard284	Rickard Karstark	ch0305331	/character/ch0305331/	
Rickard285	Rickard Stark	None	None	
Rickon286	Rickon Stark	ch0233141	/character/ch0233141/	nm3:
Robb287	Robb Stark	ch0158596	/character/ch0158596/	nm0:
Robert288	Robert Baratheon	ch0155776	/character/ch0155776/	nm0:
Robett289	Robett Glover	ch0541747	/character/ch0541747/	nm0:
Robin290	Robin Arryn	ch0300949	/character/ch0300949/	nm2:
Rodrik291	Rodrik Cassel	ch0171391	/character/ch0171391/	nm0:
Roose292	Roose Bolton	ch0305006	/character/ch0305006/	nm0:
Rorge293	Rorge	ch0305019	/character/ch0305019/	nm0:
Ros294	Ros	ch0010187	/character/ch0010187/	nm2:
Roslin295	Roslin Frey	ch0391563	/character/ch0391563/	nm5:
Royal296	Royal Steward	ch0305048	/character/ch0305048/	nm1:
Ryger297	Ryger Rivers	ch0014591	/character/ch0014591/	nm0:
Salladhor298	Salladhor Saan	ch0381104	/character/ch0381104/	nm1:
Samwell299	Samwell Tarly	ch0244961	/character/ch0244961/	nm4:
Sandor300	Sandor Clegane	ch0162882	/character/ch0162882/	nm0:
Sansa301	Sansa Stark	ch0158137	/character/ch0158137/	nm3:
Selyse302	Selyse Baratheon	ch0316924	/character/ch0316924/	
Septa303	Septa Moelle	ch0540869	/character/ch0540869/	nm1:
Septa304	Septa Mordane	ch0248505	/character/ch0248505/	nm0:
Septa305	Septa Scolera	ch0540869	/character/ch0540869/	nm:
Septa306	Septa Unella	ch0512215	/character/ch0512215/	nm1:
Septon307	Septon	ch0540865	/character/ch0540865/	nm0:

Septon308	Septon	ch0540865	/character/ch0540865/	nm0
Ser309	Ser Endrew Tarth	ch0540153	/character/ch0540153/	nm4
Shae310	Shae	ch0250564	/character/ch0250564/	nm1
Shagga311	Shagga	ch0305021	/character/ch0305021/	nm0
Shaggydog312	Shaggydog	None	None	
Shireen313	Shireen Baratheon	ch0306346	/character/ch0306346/	nm5
Silk314	Silk King	ch0345051	/character/ch0345051/	nm0
Smalljon315	Smalljon Umber	ch0540067	/character/ch0540067/	nm2
Spice316	Spice King	ch0305005	/character/ch0305005/	nm0
Stannis317	Stannis Baratheon	ch0250897	/character/ch0250897/	nm0
Stark318	Stark Bannerman	ch0517008	/character/ch0517008/	nm5
Stark319	Stark Guard	ch0305311	/character/ch0305311/	nm4
Stark320	Stark Guard	ch0305311	/character/ch0305311/	nm4
Stark321	Stark Guard	ch0305311	/character/ch0305311/	nm1
Stark322	Stark Guard	ch0305311	/character/ch0305311/	nm5
Steelshanks323	Steelshanks Walton	ch0396530	/character/ch0396530/	nm1
Stevron324	Stevron Frey	ch0305329	/character/ch0305329/	nm1
Stiv325	Stiv	ch0304972	/character/ch0304972/	nm1
Styr326	Styr	ch0400416	/character/ch0400416/	nm0
Summer327	Summer	None	None	
Syrio328	Syrio Forel	ch0246934	/character/ch0246934/	nm1
Talisa329	Talisa Maegyr	ch0305007	/character/ch0305007/	nm2
Talla330	Talla Tarly	ch0523897	/character/ch0523897/	nm5
Ternesio331	Ternesio Terys	ch0473552	/character/ch0473552/	nm1
The332	The Bear	ch0085768	/character/ch0085768/	nm1
The333	The Night King	ch0512154	/character/ch0512154/	

The334	The Tickler	ch0305033	/character/ch0305033/	nm1
The335	The Waif	ch0508054	/character/ch0508054/	nm3
Thenn336	Thenn Warg	ch0400416	/character/ch0400416/	nm1
Theon337	Theon Greyjoy	ch0158526	/character/ch0158526/	nm0
Thin338	Thin Man	ch0540863	/character/ch0540863/	nm0
Thoros339	Thoros of Myr	ch0316927	/character/ch0316927/	nm0
Three-Eyed340	Three-Eyed Raven	ch0414457	/character/ch0414457/	
Timett341	Timett	ch0305004	/character/ch0305004/	nm4
Tobho342	Tobho Mott	ch0305039	/character/ch0305039/	nm0
Todder343	Todder	ch0509452	/character/ch0509452/	nm3
Tomard344	Tomard	ch0305325	/character/ch0305325/	nm4
Tommen345	Tommen Baratheon	ch0256424	/character/ch0256424/	
Tormund346	Tormund Giantsbane	ch0316925	/character/ch0316925/	nm1
Trystane347	Trystane Martell	ch0506400	/character/ch0506400/	nm4
Tycho348	Tycho Nestoris	ch0468190	/character/ch0468190/	nm0
Tyene349	Tyene Sand	ch0468075	/character/ch0468075/	nm3
Tyrion350	Tyrion Lannister	ch0146096	/character/ch0146096/	nm0
Tywin351	Tywin Lannister	ch0242185	/character/ch0242185/	nm0
Vala352	Vala	ch0539344	/character/ch0539344/	nm5
Vardis353	Vardis Egen	ch0294458	/character/ch0294458/	nm1
Varly354	Varly	ch0379226	/character/ch0379226/	nm1
Viserion355	Viserion	None	None	
Viserys356	Viserys Targaryen	ch0155775	/character/ch0155775/	nm0
Walda357	Walda Bolton	ch0506401	/character/ch0506401/	nm3
Walder358	Walder Frey	ch0305328	/character/ch0305328/	nm0
Wallen359	Wallen	None	None	
Warlock360	Warlock	ch0539881	/character/ch0539881/	nm5

Waymar361	Waymar Royce	ch0171390	/character/ch0171390/	nm3:
Wedding362	Wedding Band	ch0506962	/character/ch0506962/	nm1
White363	White Walker	ch0304921	/character/ch0304921/	nm1
White364	White Walker	ch0304921	/character/ch0304921/	nm1:
White365	White Walker	ch0304921	/character/ch0304921/	nm0
White366	White Walker #2	ch0304921	/character/ch0304921/	nm1:
Wight367	Wight Wildling Girl	ch0305043	/character/ch0305043/	nm4:
Wildling368	Wildling Rioter	ch0348391	/character/ch0348391/	nm8
Will369	Will	ch0171394	/character/ch0171394/	nm0
Willem370	Willem Lannister	ch0395356	/character/ch0395356/	nm5:
Willis371	Willis Wode	ch0305315	/character/ch0305315/	nm4
Wine372	Wine Merchant	ch0305323	/character/ch0305323/	nm0:
Winterfell373	Winterfell Shepherd	ch0306456	/character/ch0306456/	nm0
Wun374	Wun Wun	ch0524621	/character/ch0524621/	nm1
Wyllis375	Wyllis	ch0238584	/character/ch0238584/	nm4:
Xaro376	Xaro Xhoan Daxos	ch0303950	/character/ch0303950/	nm1:
Yara377	Yara Greyjoy	ch0300217	/character/ch0300217/	nm2
Yezzan378	Yezzan zo Qaggaz	ch0470706	/character/ch0470706/	nm0
Ygritte379	Ygritte	ch0304492	/character/ch0304492/	nm3:
Yohn380	Yohn Royce	ch0524546	/character/ch0524546/	nm0:
Yoren381	Yoren	ch0251493	/character/ch0251493/	nm0:
Young382	Young Benjen Stark	ch0153996	/character/ch0153996/	nm5:
Young383	Young Cersei Lannister	ch0159526	/character/ch0159526/	nm5:
Young384	Young Lyanna Stark	ch0543804	/character/ch0543804/	nm8

Young385	Young Nan	ch0305018	/character/ch0305018/	nm7
Young386	Young Ned	ch0154681	/character/ch0154681/	nm7
Young387	Young Ned Stark	ch0154681	/character/ch0154681/	nm7
Young388	Young Rodrik Cassel	ch0171391	/character/ch0171391/	nm7
Zanrush389	Zanrush	ch0540870	/character/ch0540870/	nm0

TESTS FOR charactersFixed

```
In [16]: %%sql
use s23_w4111_hw2_dyh2111;
SELECT * FROM charactersFixed LIMIT 59,1;
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
1 rows affected.
```

```
Out[16]: characterId  characterName  characterImdbID      characterLink  actorNConst      a
Eddard60    Eddard Stark      ch0154681  /character/ch0154681/  nm0000293  /names/nm
```

```
In [17]: characters_df.iloc[[59]]
```

```
Out[17]:   characterId  characterName  characterImdbID      characterLink  actorNConst
59    Eddard60    Eddard Stark      ch0154681  /character/ch0154681/  nm0000293  /names
```

```
In [18]: %%sql
use s23_w4111_hw2_dyh2111;
SELECT * FROM charactersFixed LIMIT 350,1;
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
1 rows affected.
```

```
Out[18]: characterId  characterName  characterImdbID      characterLink  actorNConst      a
Tywin351    Tywin Lannister  ch0242185  /character/ch0242185/  nm0001097  /names/nm
```

```
In [19]: characters_df.iloc[[350]]
```


Out[19]:	characterId	characterName	characterImdbID	characterLink	actorNconst
350	Tywin351	Tywin Lannister	ch0242185	/character/ch0242185	nm0001097 /name

name_basics_all

- The column `primaryProfessions` is multi-valued and non-atomic. This violates good relational design principle.
- Create a new table `name_basics_all_fixed` which does not have the column `primaryProfessions`.
- You will need to use SQL to create and load other tables with information from `name_basics_all` to enable you to create a view `name_basics_all_fixed_view` that recreates the data in `name_basics_all`. The tables you create should have atomic columns, primary keys and foreign keys, etc.

```
In [20]: %%sql
/* View Initial data */

use s23_w4l1l1_hw2_dyh2l1l1;
SELECT * from name_basics_all;

* mysql+pymysql://root:***@localhost
0 rows affected.
348 rows affected.
```

Out[20]:	nconst	primaryName	birthYear	deathYear	primaryProfess
	nm0389698	B.J. Hogg	1955	2020	actor,music_department
	nm0269923	Michael Feast	1946	None	actor,composer
	nm0727778	David Rintoul	1948	None	actor
	nm6729880	Chuku Modu	1990	None	actor,writer,producer
	nm0853583	Owen Teale	1961	None	actor
	nm0203801	Karl Davies	1982	None	actor,producer
	nm8257864	Megan Parkinson	None	None	actress
	nm0571654	Fintan McKeown	None	None	actor
	nm1528121	Philip McGinley	1981	None	actor

nm0000980	Broadbent	1949	None	actor,writer,soundtr
nm0649046	Deobia Oparei	1971	None	ac
nm1783582	Sahara Knite	1975	None	actr
nm8127149	Nathanael Saleh	None	None	actor,soundtr
nm1074361	Luke Roberts	1977	None	actor,producer,wr
nm3586035	Maisie Williams	1997	None	actress,producer,soundtr
nm0538869	Patrick Malahide	1945	None	actor,writer,soundtr
nm4207240	Phil Barnhill	None	None	ac
nm0568400	Ian McElhinney	1948	None	actor,director,soundtr
nm1152798	Joseph Mawle	1974	None	ac
nm4730958	Eline Powell	1990	None	actr
nm0429956	Gerard Jordan	None	None	ac
nm1978998	Forbes KB	1965	None	actor,transportation_department,sound_departm
nm1043031	Tim Plester	1970	None	actor,director,produ
nm5279916	Leigh Gill	None	None	actor,miscellaneous
nm1638006	Michael Condron	None	None	ac
nm3652842	Isaac Hempstead Wright	1999	None	actor,soundtr
nm5106314	Gemita Samarra	None	None	stunts,actress,direc
nm3729225	Gwendoline Christie	1978	None	actress,producer,art_departm
nm0283492	Jerome Flynn	1963	None	actor,soundtr
nm0574534	Ian McShane	1942	None	actor,producer,direc
nm0751085	Clive Russell	1945	None	actor,soundtr
nm1214477	Michael Grennell	1958	None	ac
nm0265610	Michelle Fairley	1963	None	actr
nm0734498	Lalor Roddy	1954	None	ac
nm0372176	Lena Headey	1973	None	actress,producer,soundtr
nm2456829	Alice Hewkin	None	None	actr

nm0404809	Frank Hvam	1970	None	writer,actor,produ
nm4007028	Darren Killeen	None	None	ac
nm0700059	Robert Pugh	1950	None	actor,writer,direc
nm3592338	Emilia Clarke	1986	None	actress,soundtr
nm0408591	Ralph Ineson	1969	None	actor,soundtr
nm3996678	Maisie Dee	1985	None	actr
nm0192377	Liam Cunningham	1961	None	actor,director,produ
nm1613839	Ian Whyte	1971	None	actor,stunts,miscellane
nm1368037	Alisdair Simpson	None	None	ac
nm0915453	Tony Way	1978	None	actor,writer,direc
nm0796502	Alexander Siddig	1965	None	actor,director,soundtr
nm1861467	Roxanne McKee	1980	None	actr
nm6088160	Diogo Sales	1985	None	ac
nm2999602	Junade Khan	1982	None	ac
nm2231505	David James	None	None	ac
nm0752638	Jonathan Ryan	None	None	ac
nm0000293	Sean Bean	1959	None	actor,producer,animation_departm
nm0174005	Ben Crompton	1974	None	actor,director,miscellane
nm0580014	Tobias Menzies	1974	None	actor,soundtr
nm0890055	Indira Varma	1973	None	actress,produ
nm4473207	Barrington Cullen	None	None	ac
nm1561982	Pilou Asbæk	1982	None	actor,soundtrack,miscellane
nm2406775	Cedric Henderson	None	None	ac
nm0050520	Peter Ballance	None	None	actor,miscellane
nm0443825	Dermot Keaney	1964	None	ac
nm2307468	Ricky Champ	1980	None	ac
nm1478079	Joe Dempsie	1987	None	actor,soundtr
nm6793798	Eddie Eyre	1988	None	actor,miscellaneous,set_decora
nm2356940	Hannah	1989	None	actress,soundtr

	Murray			
nm3354768	Alan Paris	None	None	ac
nm0130538	Sam Callis	1973	None	actor,writer,produ
nm2089809	Nikovich Sammut	None	None	stunts,actor,miscellane
nm4440118	Seamus Kelly	None	None	actor,stu
nm0002103	Julian Glover	1935	None	actor,soundtr
nm0798872	Peter Silverleaf	None	None	ac
nm7318132	Davor Jozinovic	None	None	ac
nm3005802	Ivan Peric	None	None	actor,editor,miscellane
nm7318134	Hadi Kermani	None	None	ac
nm7318135	Tonci Banov	None	None	ac
nm0544139	Clive Mantle	1957	None	actor,wr
nm0057965	Clifford Barry	None	None	ac
nm4440305	Mark Stanley	None	None	ac
nm2760664	Jacob Anderson	1990	None	actor,soundtr
nm0234541	Roy Dotrice	1923	2017	actor,wr
nm6301068	Sabrina Bartlett	1991	None	actr
nm2407387	Sara Dylan	None	None	actr
nm1051151	Paul Rattray	None	None	ac
nm4704928	Marc Rissmann	1980	None	actor,director,wr
nm0267256	Souad Faress	1948	None	actr
nm0894857	David Verrey	None	None	ac
nm0072855	Paul Bentley	None	None	ac
nm0000596	Jonathan Pryce	1947	None	actor,soundtrack,produ
nm2181128	Joel Fry	None	None	actor,produ
nm3964231	Kristian Nairn	1975	None	actor,produ
nm0628040	Christopher Newman	1955	None	assistant_director,producer,miscellane
nm3444954	Ben Hawkey	None	None	ac
nm4547262	Leo Woodruff	None	None	stunts,ac

nm2131630	Jefferson Hall	None	None	actor,producer,writer
nm0019885	Roger Allam	1953	None	actor,soundtrack,director
nm3330122	Wilko Johnson	1947	2022	actor,soundtrack,director
nm3822505	Amrita Acharia	1987	None	actress,director,producer
nm0001290	Richard E. Grant	1957	None	actor,soundtrack,director
nm4781280	Paul Caddell	None	None	actor,director,writer
nm0182666	Nikolaj Coster-Waldau	1970	None	actor,producer,writer
nm0141582	Dominic Carter	None	None	actor
nm0937239	Tom Wlaschiha	1973	None	actor
nm0641433	Patrick O'Kane	1965	None	actor
nm4475335	Jeffrey O'Brien	None	None	actor
nm0181920	James Cosmo	1948	None	actor,soundtrack,producer
nm4424689	Sarita Piotrowski	None	None	actress,miscellaneous
nm0322416	Jack Gleeson	1992	None	actor
nm1032473	Thomas Brodie-Sangster	1990	None	actor,producer,soundtrack
nm0822062	John Standing	1934	None	actor,soundtrack
nm3229685	Kit Harington	1986	None	actor,writer,producer
nm0639569	Gerry O'Brien	None	None	actor
nm0322513	Iain Glen	1961	None	actor,producer,soundtrack
nm0803397	Jamie Sives	1973	None	actor,producer,director
nm4958677	Kelly Long	None	None	art_department,actress,assistant_director
nm1218607	Burn Gorman	1974	None	actor,soundtrack
nm2171898	Birgitte Hjort Sørensen	1982	None	actress
nm4768858	Pixie Le Knot	None	None	actress,miscellaneous,student
nm2461009	Tim Landers	None	None	actor,talent_agent
nm0312245	Ian Gelder	1949	None	actor
nm0597388	Jason Momoa	1979	None	actor,producer,writer

nm0622533	Joseph Naufahu	1978	None	actor,producer
nm3040811	Andrei Claude	1979	None	actor,producer
nm0341739	Raymond Griffiths	None	None	actor,miscellaneous
nm2482781	Dean Whatton	None	None	actor,producer
nm3338062	George Appleby	None	None	actor,student
nm3453345	Maxwell Laird	None	None	actor,producer
nm1168404	Reg Wayment	None	None	stunts,actor,miscellaneous
nm0432837	Marko Juraga	1984	None	actor,sound_department,composer
nm5037688	Rea Separovic	None	None	actress
nm0119804	Ania Bukstein	1982	None	actress,soundtrack
nm8314450	Lucy Hayes	None	None	actress
nm3122423	Patrick Ryan	None	None	actor,producer
nm0734304	Paddy Rocks	None	None	actor,producer
nm0170799	Steven Cole	None	None	actor,producer
nm0383835	Dan Hildebrand	None	None	actor,cinematographer
nm4450657	Kevin Keenan	None	None	actor,producer
nm0204583	Essie Davis	1970	None	actress,producer,soundtrack
nm1638294	Eugene Simon	1992	None	actor,producer
nm0174449	Aiden Condron	None	None	actor,producer
nm0481924	Richard Laing	None	None	actor,producer
nm1406364	Conor Delaney	None	None	actor,producer
nm4492930	Simon Stewart	None	None	actor,producer
nm3292422	Chris Gallagher	None	None	actor,producer
nm5908524	Christian Vit	1982	None	actor,producer
nm1778512	Jóhannes Haukur Jóhannesson	None	None	actor,sound_department
nm0564516	Vinnie McCabe	None	None	actor,producer
nm3330066	Sarine Sofair	None	None	actress,production_manager

Samuel Paul

nm6537691	Small	None	None	actor,producer,writer,script_department
nm4475204	Tristan Mercieca	None	None	actor,producer,writer,script_department
nm8127150	Michael Nevin	None	None	actor,producer,writer,script_department
nm8127151	Jesse Magee	None	None	actor,producer,writer,script_department
nm8133415	Iona Clarke	None	None	actress,producer,writer,script_department
nm8127152	Lucy Gallagher	None	None	actress,producer,writer,script_department
nm6462692	Fionn Kernan	None	None	actor,producer,writer,script_department
nm1707712	Zachary Baharov	1980	None	actor,producer,writer,script_department
nm0852965	Noah Taylor	1969	None	actor,soundtrack,script_department
nm5502252	Elizabeth Cadwallader	None	None	actress,producer,writer,script_department
nm2869309	Eros Vlahos	1995	None	actor,writer,director,producer,script_department
nm3645691	Finn Jones	1988	None	actor,producer,writer,script_department
nm5651524	Mark Coney	None	None	actor,producer,writer,script_department
nm1101680	Gordon Fulton	1949	2016	actor,producer,writer,script_department
nm0384152	Conleth Hill	1964	None	actor,writer,producer,script_department
nm0641596	Jer O'Leary	None	2018	actor,producer,writer,script_department
nm3524836	Steve Cash	None	None	talent_agent,actor,executive_producer,script_department
nm6342915	Robert Fawsitt	None	None	actor,producer,writer,script_department
nm8165602	Bella Ramsey	2003	None	actress,producer,writer,script_department
nm4957233	Aisling Franciosi	1993	None	actress,soundtrack,producer,writer,script_department
nm0225483	Kate Dickie	1971	None	actress,producer,writer,script_department
nm0004355	Roger Ashton-Griffiths	1957	None	actor,director,writer,producer,script_department
nm0891092	Peter Vaughan	1923	2016	actor,soundtrack,producer,writer,script_department
nm0203882	Oliver Ford Davies	1939	None	actor,producer,writer,script_department
nm0838910	Donald Sumpter	1943	None	actor,producer,writer,script_department
nm1483416	Richard Rycroft	None	None	actor,producer,writer,script_department
nm2807170	Neil Fingleton	1980	2017	actor,stunts,miscellaneous,producer,writer,script_department

nm0562003	Jodhi May	1975	None	actress,writer,director
nm2162079	Ivailo Dimitrov	None	None	stunts,actor
nm4982614	Dennis Stokes	None	None	actor
nm0015382	Adewale Akinnuoye-Agbaje	1967	None	actor,writer,director
nm0001354	Ciarán Hinds	1953	None	actor,soundtrack
nm0243696	James Doran	None	None	actor
nm6442298	Conor Watters	None	None	actor
nm4982706	Josephine Gillan	1988	None	actress
nm1754059	Natalie Dormer	1982	None	actress,writer,producer
nm2983094	Aisling Jarrett-Gavin	None	None	actress
nm2047170	Emun Elliott	1983	None	actor
nm2835616	Dean-Charles Chapman	1997	None	actor
nm3126053	Susie Kelly	None	None	actress
nm4523680	Kerr Logan	1988	None	actor
nm1697771	Ellie Kendrick	1990	None	actress,writer,soundtrack
nm2911170	Laurence Doherty	None	None	actor
nm0819087	Samantha Spiro	1968	None	actress
nm0396924	Carice van Houten	1976	None	actress,producer,soundtrack
nm0997747	Gary Pillai	1968	None	actor,producer,miscellaneous
nm2075330	Mark Killeen	None	None	actor
nm0064155	Ian Beattie	1965	None	actor,director,writer
nm4460936	Antonia Christophers	None	None	actress
nm4595425	Boyd Rankin	1945	2019	miscellaneous,actor,student
nm2489799	Elisa Lasowski	None	None	actress,soundtrack
nm0815420	Mia Soteriou	None	None	actress,composer,music_department
nm2812026	Nathalie Emmanuel	1989	None	actress
nm2197118	Ciaran Bermingham	None	None	actor

nm0634139	Reece Noi	1988	None		actor,producer,soundtrack,composer,music_department
nm5652293	Nanna Bryndís Hilmarsdóttir	None	None		actor,soundtrack,composer,music_department
nm1743706	Jon Thor Birgisson	1975	None		soundtrack,composer,music_department
nm5652121	Ragnar Pórhallsson	None	None		actor,soundtrack,composer,music_department
nm1743714	Orri P. Dyrason	1977	None		soundtrack,composer,music_department
nm1743730	Georg Holm	1976	None		soundtrack,music_department,composer
nm8158202	Arnar Rosenkranz Hilmarsson	None	None		soundtrack,actor,composer,music_department
nm8158203	Brynjar Leifsson	None	None		actor,soundtrack,music_department
nm1944894	Kristján Kristjánsson	1956	None		actor,soundtrack,composer,music_department
nm4430905	Rhodri Hosking	None	None		actor,producer,soundtrack,composer,music_department
nm3745225	Charlotte Hope	None	None		actress,soundtrack,composer,music_department
nm9132255	Harry Grasby	None	None		actor,producer,soundtrack,composer,music_department
nm0642751	Frank O'Sullivan	None	None		actor,producer,soundtrack,composer,music_department
nm4475182	Dennis McKeever	None	None		actor,producer,soundtrack,composer,music_department
nm5792452	Michael Stuart	None	None		actor,assistant_director,make_up_department
nm2228622	Marcus Lamb	None	None		actor,producer,soundtrack,composer,music_department
nm6706699	Michael Hooley	None	None		casting_department,casting_director,actor,producer,soundtrack,composer,music_department
nm3561455	Patrick J Molloy	None	None		actor,producer,soundtrack,composer,music_department
nm0371160	Michael Hayes	None	None		actor,producer,soundtrack,composer,music_department
nm6316115	Ruairí Heading	1991	None		actor,writer,director,producer,soundtrack,composer,music_department
nm0283642	Tony Flynn	None	None		actor,producer,soundtrack,composer,music_department
nm5697839	Jed Murray	None	None		actor,producer,soundtrack,composer,music_department
nm3725055	Jessica Henwick	1992	None		actress,writer,director,producer,soundtrack,composer,music_department
nm1095720	Keisha Castle-Neoh	1990	None		actress,producer,soundtrack,composer,music_department

Hughes				
nm0050959	Pedro Pascal	1975	None	actor,soundtrack,produ
nm0424191	Margaret John	1926	2011	actress,soundtr
nm0610312	Gina Moxley	None	None	actress,wr
nm0001671	Diana Rigg	1938	2020	actress,soundtrack,costume_departm
nm5282143	Brenock O'Connor	2000	None	ac
nm4831584	Will Tudor	1987	None	ac
nm0188871	Mackenzie Crook	1971	None	actor,writer,direc
nm4789912	Hannah John-Kamen	1989	None	actress,soundtr
nm1164730	Natalia Tena	1984	None	actress,writer,soundtr
nm1987270	Brian Fortune	None	None	ac
nm4422639	Rania Zouari	None	None	actr
nm0318821	Aidan Gillen	1968	None	actor,writer,produ
nm4535552	Daniel Portman	1992	None	ac
nm3464945	Andy Kellegher	None	None	ac
nm0863130	Ramon Tikaram	1967	None	actor,soundtr
nm0360171	Ian Hanmore	1953	None	ac
nm1086981	Josef Altin	1983	None	actor,soundtr
nm7047874	Staz Nair	1991	None	actor,soundtr
nm1409802	Simon Armstrong	None	None	ac
nm1502469	Dar Salim	1977	None	actor,produ
nm3671418	Laura Pradelska	None	None	actr
nm0504320	Anton Lesser	1952	None	ac
nm1175468	Elyes Gabel	1983	None	actor,director,produ
nm3701064	Iwan Rheon	1985	None	ac
nm0269077	James Faulkner	1948	None	actor,produ
nm4430828	Luke Barnes	None	None	actor,writer,ed
nm1745190	George Georgiou	None	None	ac

nm4164318	Hugo Culverhouse	None	None	assistant_director,actor,miscellaneous
nm4927489	Melanie Liburd	1987	None	actress
nm3822462	Rila Fukushima	None	None	actress
nm2167445	Gethin Anthony	1983	None	actor,director,writer
nm3280686	Art Parkinson	2001	None	actor
nm0534635	Richard Madden	1986	None	actor,producer,soundtrack
nm0004692	Mark Addy	1964	None	actor,soundtrack
nm0570570	Tim McInnerny	1956	None	actor
nm2996220	Lino Facioli	2000	None	actor
nm0231871	Ron Donachie	1956	None	actor,soundtrack
nm0568385	Michael McElhatton	1963	None	actor,writer
nm0065874	Andy Beckwith	None	None	actor
nm2657974	Esmé Bianco	1982	None	actress
nm5093301	Alexandra Dowling	1990	None	actress
nm1414435	Robert Sterne	None	None	casting_director,casting_department,actor
nm0565472	Bryan McCaugherty	None	None	actor
nm1748634	Lucian Msamati	1976	None	actor
nm4263213	John Bradley	1988	None	actor,soundtrack
nm0564920	Rory McCann	1969	None	actor
nm3849842	Sophie Turner	1996	None	actress
nm1378629	Maggie Hayes	None	None	actress
nm0114742	Susan Brown	1946	None	actress
nm1103771	Mary Jordan	1913	1973	actress
nm1821446	Hannah Waddingham	1974	None	actress,soundtrack
nm0352901	Kenneth Hadley	None	None	actor
nm0126298	Terry Byrne	None	None	actor
nm4757478	Dez McMahon	None	None	actor

nm1402546	Sibel Kekilli	1980	None	actress
nm0428765	Mark Lewis Jones	1964	None	actor
nm5081192	Kerry Ingram	1999	None	actress,soundtrack
nm0432838	Slavko Juraga	1959	None	actor
nm2746504	Dean Jagger	1978	None	actor,writer,producer
nm0087432	Nicholas Blane	None	None	actor
nm0226820	Stephen Dillane	1957	None	actor
nm4335246	Faolan Morgan	None	None	actor,miscellaneous
nm4492916	Rick Burn	None	None	actor
nm1423916	David Sheehan	None	None	actor
nm5981376	Paul Monahan	None	None	actor
nm1652341	Jamie Michie	1977	None	actor
nm1794801	Colin Carnegie	None	None	actor
nm1651043	Stephen Don	None	None	actor,writer,producer
nm0464305	Yuri Kolokolnikov	1980	None	actor,producer
nm1115654	Miltos Yerolemou	None	None	actor
nm2772105	Oona Chaplin	1986	None	actress,soundtrack
nm5039410	Rebecca Benson	None	None	actress
nm1146807	Gary Oliver	None	None	actor
nm1212069	Bart the Bear	2000	2021	actor
nm1677757	Anthony Morris	None	None	actor
nm3849670	Faye Marsay	1986	None	actress
nm1395532	Joseph Gatt	1971	None	actor,miscellaneous,editor
nm0654295	Alfie Allen	1986	None	actor
nm0534062	Oengus MacNamara	None	None	actor
nm0443373	Paul Kaye	1965	None	actor,writer,composer
nm4385245	Tobias Winter	None	None	actor

nm0928408	Andrew Wilde	None	None	actor,producer,writer
nm3727276	Will O'Connell	None	None	actor,miscellaneous
nm4475303	Phil Dixon	None	None	actor,producer,writer
nm1970465	Kristofer Hivju	1978	None	actor,writer,producer
nm4514519	Toby Sebastian	1992	None	actor,writer,soundtrack
nm0309693	Mark Gatiss	1966	None	actor,writer,producer
nm3065809	Rosabell Laurenti Sellers	1996	None	actress
nm0227759	Peter Dinklage	1969	None	actor,producer,soundtrack
nm0001097	Charles Dance	1946	None	actor,director,writer
nm5159884	Meena Rayann	None	None	actress
nm1788152	Brendan McCormack	None	None	actor
nm1378721	Graham Charles	None	None	actor
nm0516003	Harry Lloyd	1983	None	actor,writer,producer
nm3531913	Elizabeth Webster	None	None	actress
nm0103195	David Bradley	1942	None	actor,soundtrack
nm5390029	Lottie Steer	None	None	actress
nm3209935	Rob Ostlere	1984	None	actor
nm1460176	Sigur Rós	None	None	soundtrack,composer,music_department
nm1368643	Ross Mullan	1967	None	actor,miscellaneous
nm0516385	Tim Loane	None	None	writer,actor,miscellaneous
nm1872855	Spencer Wilding	1972	None	actor,student
nm4422708	Claire Wright	None	None	actress
nm0916037	Bronson Webb	1983	None	actor
nm5624523	Timothy Gibbons	None	None	actor,costume_department,miscellaneous
nm4416560	Ryan McKenna	None	None	actor
nm0523047	Simon Lowe	None	None	actor
	Donagh			

nm0214343	Deeney	None	None	ac
nm4744043	Sam Coleman	1996	None	actor,camera_departm
nm1996829	Nonso Anozie	1978	None	ac
nm2247629	Gemma Whelan	1981	None	actr
nm0162281	Enzo Cilenti	1974	None	actor,produ
nm3310211	Rose Leslie	1987	None	actr
nm0889338	Rupert Vansittart	1958	None	ac
nm0535837	Francis Magee	1969	None	ac
nm5502295	Matteo Elezi	None	None	actor,visual_effects,miscellane
nm5309709	Nell Williams	1998	None	actress,produ
nm8108764	Cordelia Hill	None	None	actr
nm1519719	Annette Tierney	None	None	actr
nm7075019	Robert Aramayo	1992	None	ac
nm7509185	Sebastian Croft	2001	None	actor,music_department,soundtr
nm7509186	Fergus Leathem	None	None	ac
nm0503319	Gerald Lepkowski	1966	None	actor,director,wr

In [21]: %%sql

```
/* Create a copy of name_basics_all preserve data for modifying */

use s23_w4111_hw2_dyh2111;
drop table if exists name_basics_allCopy;

CREATE TABLE name_basics_allCopy SELECT * FROM name_basics_all;

/* Create name_basics_all_fixed */

drop table if exists name_basics_all_fixed;

CREATE TABLE name_basics_all_fixed SELECT * FROM name_basics_allCopy;

/* Delete primaryProfession column */

ALTER TABLE name_basics_all_fixed
DROP COLUMN primaryProfession;

* mysql+pymysql://root:***@localhost
0 rows affected.
0 rows affected.
348 rows affected.
0 rows affected.
348 rows affected.
0 rows affected.
```

Out[21]: []

In [22]: %%sql

```
/* Clean up data types, assign PK */

alter table name_basics_all_fixed
    modify nconst          varchar(16) not null primary key,
    modify primaryName     varchar(30) null,
    modify birthYear       int        null,
    modify deathYear       int        null,
    modify knownForTitles  varchar(200) null;

* mysql+pymysql://root:***@localhost
348 rows affected.
```

Out[22]: []

In [23]: %%sql

```
/* View data to double check professions gone */
use s23_w4111_hw2_dyh2111;
SELECT * FROM name_basics_all_fixed;

* mysql+pymysql://root:***@localhost
0 rows affected.
348 rows affected.
```

Out[23]:

	nconst	primaryName	birthYear	deathYear	knownForTitles
	nm0000293	Sean Bean	1959	None	tt0120737,tt0167261,tt0944947,tt1181791
	nm0000596	Jonathan Pryce	1947	None	tt0104348,tt8404614,tt0120347,tt3750872
	nm0000980	Jim Broadbent	1949	None	tt0203009,tt1431181,tt1007029,tt0217505
	nm0001097	Charles Dance	1946	None	tt0944947,tt0107362,tt2084970,tt0280707
	nm0001290	Richard E. Grant	1957	None	tt4595882,tt0280707,tt0102070,tt0094336
	nm0001354	Ciarán Hinds	1953	None	tt1340800,tt1596365,tt1201607,tt12789558
	nm0001671	Diana Rigg	1938	2020	tt0054518,tt9639470,tt0064757,tt0944947
	nm0002103	Julian Glover	1935	None	tt0082398,tt0332452,tt0080684,tt0097576
	nm0004355	Roger Ashton-Griffiths	1957	None	tt0088846,tt0944947,tt4575576,tt0217505
	nm0004692	Mark Addy	1964	None	tt0944947,tt0955308,tt0119164,tt0183790
	nm0015382	Adewale Akinnuoye-Agbaje	1967	None	tt1127881
	nm0019885	Roger Allam	1953	None	tt1486190,tt0811080,tt0434409,tt1298650
	nm0050520	Peter Ballance	None	None	tt0408056,tt0944947,tt0323033,tt1985443
	nm0050959	Pedro Pascal	1975	None	tt4649466,tt7126948,tt0944947,tt8111088
	nm0057965	Clifford Barry	None	None	tt0118363,tt0944947,tt0094535,tt0189192
	nm0064155	Ian Beattie	1965	None	tt2303687,tt0944947,tt0346491,tt2567712
	nm0065874	Andy Beckwith	None	None	tt5691024,tt0208092,tt1355631,tt0944947
	nm0072855	Paul Bentley	None	None	tt8697870,tt0944947,tt0185906,tt1007029
	nm0087432	Nicholas Blane	None	None	tt2343137,tt0443543,tt0373889,tt0944947
	nm0103195	David Bradley	1942	None	tt1213663,tt0241527,tt1201607,tt0425112
	nm0114742	Susan Brown	1946	None	tt1007029,tt0485301,tt0944947,tt2404181
	nm0119804	Ania Bukstein	1982	None	tt5673782,tt3602528,tt6965662,tt0944947
	nm0126298	Terry Byrne	None	None	tt9742392,tt0944947,tt0264333,tt0312549
	nm0130538	Sam Callis	1973	None	tt0944947,tt0334874,tt1727309,tt3633218
	nm0141582	Dominic Carter	None	None	tt0944947,tt2088544,tt0493383,tt0053494
	nm0162281	Enzo Cilenti	1974	None	tt1226774,tt0435705,tt2015381,tt4158096
	nm0170799	Steven Cole	None	None	tt0460889,tt0944947,tt0083392,tt1888075

nm0174005	Ben Crompton	1974	None	tt1788391,tt0944947,tt2235695,tt0211181
nm0174449	Aiden Condron	None	None	tt1376713,tt0944947,tt0120815,tt0120865
nm0181920	James Cosmo	1948	None	tt0332452,tt0363771,tt0112573,tt0091203
nm0182666	Nikolaj Coster-Waldau	1970	None	tt2404233,tt1483013,tt0944947,tt0110631
nm0188871	Mackenzie Crook	1971	None	tt0449088,tt0383574,tt4082744,tt0325980
nm0192377	Liam Cunningham	1961	None	tt0944947,tt0800320,tt0460989,tt0986233
nm0203801	Karl Davies	1982	None	tt12879632,tt7366338,tt3428912,tt0944947
nm0203882	Oliver Ford Davies	1939	None	tt0120915,tt0121765,tt0121766,tt0274166
nm0204583	Essie Davis	1970	None	tt2094766,tt4844140,tt2321549,tt9010738
nm0214343	Donagh Deeney	None	None	tt2070064,tt1880641,tt0944947,tt0307919
nm0225483	Kate Dickie	1971	None	tt0471030,tt1446714,tt1450321,tt9243804
nm0226820	Stephen Dillane	1957	None	tt0944947,tt0266987,tt4555426,tt0274558
nm0227759	Peter Dinklage	1969	None	tt5027774,tt0340377,tt0944947,tt1877832
nm0231871	Ron Donachie	1956	None	tt0944947,tt0120338,tt1297919,tt1029235
nm0234541	Roy Dotrice	1923	2017	tt0104040,tt0411477,tt0086879,tt0092319
nm0243696	James Doran	None	None	tt1097643,tt0116379,tt0944947,tt2567712
nm0265610	Michelle Fairley	1963	None	tt11188010,tt1390411,tt0944947,tt2431286
nm0267256	Souad Faress	1948	None	tt1473832,tt1160419,tt0944947,tt4575576
nm0269077	James Faulkner	1948	None	tt2406566,tt1606375,tt0944947,tt7388562
nm0269923	Michael Feast	1946	None	tt0472160,tt0162661,tt0120879,tt0362192
nm0283492	Jerome Flynn	1963	None	tt0944947,tt3262342,tt2085059,tt2183641
nm0283642	Tony Flynn	None	None	tt0374142,tt6036728,tt0944947,tt4276624
nm0309693	Mark Gatiss	1966	None	tt0184135,tt1475582,tt5083738,tt7230406
nm0312245	Ian Gelder	1949	None	tt0420932,tt0944947,tt0485301,tt0419703
nm0318821	Aidan Gillen	1968	None	tt4500922,tt1345836,tt4046784,tt0944947
nm0322416	Jack Gleeson	1992	None	tt0492486,tt1014774,tt0372784,tt0944947
nm0322513	Iain Glen	1961	None	tt6859806,tt10370380,tt0944947,tt6954652
	Raymond			

nm0341739	Griffiths	None	None	tt3949708,tt0379670,tt0120915,tt0944947
nm0352901	Kenneth Hadley	None	None	tt1255919,tt0462335,tt0151568,tt2023690
nm0360171	Ian Hanmore	1953	None	tt0318411,tt1687901,tt0478942,tt0944947
nm0371160	Michael Hayes	None	None	tt0944947,tt0417791,tt3865236,tt0332658
nm0372176	Lena Headey	1973	None	tt0944947,tt1343727,tt0416449,tt1374989
nm0383835	Dan Hildebrand	None	None	tt0187078,tt0944947,tt1124373,tt5165412
nm0384152	Conleth Hill	1964	None	tt1178663,tt1441952,tt0944947,tt5075662
nm0389698	B.J. Hogg	1955	2020	tt0970411,tt0944947,tt0986233,tt1240982
nm0396924	Carice van Houten	1976	None	tt1053424,tt0389557,tt0985699,tt0944947
nm0404809	Frank Hvam	1970	None	tt0272993,tt0270762,tt1680136,tt0434695
nm0408591	Ralph Ineson	1969	None	tt6412452,tt2015381,tt4263482,tt9243804
nm0424191	Margaret John	1926	2011	tt0425413,tt0135088,tt0076987,tt0944947
nm0428765	Mark Lewis Jones	1964	None	tt7366338,tt2527336,tt7661390,tt4786824
nm0429956	Gerard Jordan	None	None	tt0944947,tt2614684,tt2294189,tt1238291
nm0432837	Marko Juraga	1984	None	tt0376909,tt14895146,tt0102236,tt0944947
nm0432838	Slavko Juraga	1959	None	tt0446225,tt2034403,tt0944947,tt0119874
nm0443373	Paul Kaye	1965	None	tt6835252,tt0944947,tt9698480
nm0443825	Dermot Keaney	1964	None	tt0110428,tt1020558,tt0449088,tt0383574
nm0464305	Yuri Kolokolnikov	1980	None	tt1846589,tt6723592,tt8106534,tt1959563
nm0481924	Richard Laing	None	None	tt0434409,tt3110958,tt0372784,tt0944947
nm0503319	Gerald Lepkowski	1966	None	tt4686844,tt0324992,tt5688694,tt0944947
nm0504320	Anton Lesser	1952	None	tt0944947,tt6108178,tt0482546,tt1298650
nm0516003	Harry Lloyd	1983	None	tt1007029,tt4190530,tt1229822,tt2980516
nm0516385	Tim Loane	None	None	tt5269594,tt0120199,tt0944947,tt0140934
nm0523047	Simon Lowe	None	None	tt1351685,tt1266029,tt2527336,tt0944947
nm0534062	Oengus MacNamara	None	None	tt5932548,tt6439020,tt0944947,tt5932728
nm0534635	Richard Madden	1986	None	tt2368619,tt2066051,tt0944947,tt1661199
nm0535837	Francis	1969	None	tt0375912,tt0974015,tt12361974,tt3748528

Magee				
nm0538869	Patrick Malahide	1945	None	tt0090521,tt0120873,tt0116908,tt0143145
nm0544139	Clive Mantle	1957	None	tt1475582,tt0944947,tt0103644,tt0096454
nm0562003	Jodhi May	1975	None	tt0096464,tt0104691,tt0111205,tt0129111
nm0564516	Vinnie McCabe	None	None	tt0170930,tt0114307,tt0944947,tt0117039
nm0564920	Rory McCann	1969	None	tt0944947,tt7975244,tt3205376,tt0425112
nm0565472	Bryan McCaugherty	None	None	tt1186340,tt0218182,tt0944947
nm0568385	Michael McElhatton	1963	None	tt0944947,tt12361974,tt2294189,tt4604612
nm0568400	Ian McElhinney	1948	None	tt0944947,tt3748528,tt0117039,tt0116477
nm0570570	Tim McInnerny	1956	None	tt0125439,tt4614612,tt0464196,tt0944947
nm0571654	Fintan McKeown	None	None	tt0944947,tt0111904,tt0166396,tt0112178
nm0574534	Ian McShane	1942	None	tt0348914,tt1298650,tt2911666,tt0441773
nm0580014	Tobias Menzies	1974	None	tt4786824,tt3717252,tt0384766,tt0381061
nm0597388	Jason Momoa	1979	None	tt1160419,tt1477834,tt0974015,tt4334266
nm0610312	Gina Moxley	None	None	tt0117674,tt0120865,tt0215879,tt0944947
nm0622533	Joseph Naufahu	1978	None	tt1386958,tt1219827,tt1442449,tt0944947
nm0628040	Christopher Newman	1955	None	tt0185906,tt0120915,tt0944947,tt0107943
nm0634139	Reece Noi	1988	None	tt2232345,tt0944947,tt7137906,tt0487189
nm0639569	Gerry O'Brien	None	None	tt0312549,tt0349683,tt0253556,tt0383574
nm0641433	Patrick O'Kane	1965	None	tt0944947,tt0204313,tt2527336,tt5116280
nm0641596	Jer O'Leary	None	2018	tt0097937,tt0107207,tt0117039,tt0298845
nm0642751	Frank O'Sullivan	None	None	tt0117039,tt0119683,tt2357908,tt0944947
nm0649046	Deobia Oparei	1971	None	tt0419706,tt0118929,tt0203009,tt1343727
nm0654295	Alfie Allen	1986	None	tt0467200,tt2911666,tt0944947,tt3829266
nm0700059	Robert Pugh	1950	None	tt0320661,tt0311113,tt0955308,tt1139328
nm0727778	David Rintoul	1948	None	tt1655420,tt1139328,tt4786824,tt6079772
nm0734304	Paddy Rocks	None	None	tt2326204,tt2567712,tt0944947,tt0127516

nm0734498	Lalor Roddy	1954	None	tt1238291,tt1525366,tt0986233,tt6793280
nm0751085	Clive Russell	1945	None	tt0349683,tt0780653,tt0120657,tt0988045
nm0752638	Jonathan Ryan	None	None	tt0107207,tt0944947,tt0877105,tt0105112
nm0796502	Alexander Siddig	1965	None	tt0483607,tt0253556,tt0320661,tt0106145
nm0798872	Peter Silverleaf	None	None	tt1991161,tt2537176,tt0944947,tt0096555
nm0803397	Jamie Sives	1973	None	tt0329767,tt0862467,tt0291341,tt1226229
nm0815420	Mia Soteriou	None	None	tt0765443,tt0151568,tt0795421,tt0117589
nm0819087	Samantha Spiro	1968	None	tt2674426,tt0120681,tt4108134,tt0228157
nm0822062	John Standing	1934	None	tt0080678,tt0074452,tt0434409,tt0457513
nm0838910	Donald Sumpter	1943	None	tt1568346,tt1390411,tt0387131,tt0765443
nm0852965	Noah Taylor	1969	None	tt0117631,tt0362270,tt0181875,tt2397535
nm0853583	Owen Teale	1961	None	tt0102797,tt0485301,tt0462396,tt0944947
nm0863130	Ramon Tikaram	1967	None	tt0116743,tt1617661,tt1686821,tt3763912
nm0889338	Rupert Vansittart	1958	None	tt0107943,tt0944947,tt0109831,tt0112573
nm0890055	Indira Varma	1973	None	tt0384766,tt1528100,tt0116743,tt0361411
nm0891092	Peter Vaughan	1923	2016	tt0795368,tt0067800,tt0088846,tt0081633
nm0894857	David Verrey	None	None	tt0493450,tt0944947,tt0436992,tt0317198
nm0915453	Tony Way	1978	None	tt2717860,tt0462335,tt1631867,tt1568346
nm0916037	Bronson Webb	1983	None	tt0783233,tt0304141,tt1032755,tt0320661
nm0928408	Andrew Wilde	None	None	tt0087803,tt0098765,tt0086993,tt0944947
nm0937239	Tom Wlaschiha	1973	None	tt1391116,tt0944947,tt2427220,tt2473794
nm0997747	Gary Pillai	1968	None	tt0944947,tt0183068,tt0485301,tt0893402
nm1032473	Thomas Brodie-Sangster	1990	None	tt4500922,tt4046784,tt0314331,tt1790864
nm1043031	Tim Plester	1970	None	tt8398600,tt0944947,tt1727824,tt4148022
nm1051151	Paul Rattray	None	None	tt0944947,tt0157583,tt0381966,tt1127876
nm1074361	Luke Roberts	1977	None	tt2375692,tt5809150,tt0944947,tt1877830
nm1086981	Josef Altin	1983	None	tt2527338,tt0962736,tt0944947,tt0765443

nm1095720	Keisha Castle-Hughes	1990	None	tt0121766,tt0469099,tt0762121,tt0298228
nm1101680	Gordon Fulton	1949	2016	tt5116280,tt0122738,tt0944947,tt3101352
nm1103771	Mary Jordan	1913	1973	tt4652844,tt0396378,tt0129723,tt0061260
nm1115654	Miltos Yerolemou	None	None	tt2488496,tt0810819,tt8385148,tt3402236
nm1146807	Gary Oliver	None	None	tt21366490,tt2245988,tt0959601,tt0944947
nm1152798	Joseph Mawle	1974	None	tt0944947,tt1390411,tt1127876,tt2183641
nm1164730	Natalia Tena	1984	None	tt1201607,tt0417741,tt0276751,tt0373889
nm1168404	Reg Wayment	None	None	tt0440963,tt3480822,tt0451279,tt1074638
nm1175468	Elyes Gabel	1983	None	tt3514324,tt7460842,tt2937898,tt0816711
nm1212069	Bart the Bear	2000	2021	tt0758758,tt1694021,tt0364751,tt1389137
nm1214477	Michael Grennell	1958	None	tt0198209,tt2183641,tt0264333,tt0944947
nm1218607	Burn Gorman	1974	None	tt1488589,tt1345836,tt3230854,tt2557478
nm1368037	Alisdair Simpson	None	None	tt0944947,tt2368254,tt0372091,tt0259733
nm1368643	Ross Mullan	1967	None	tt0944947,tt0800320,tt0436992,tt3416532
nm1378629	Maggie Hayes	None	None	tt1248971,tt1205458,tt0944947,tt1205456
nm1378721	Graham Charles	None	None	tt7388562,tt3231054,tt0944947,tt1091989
nm1395532	Joseph Gatt	1971	None	tt1408101,tt3861390,tt0944947,tt0800369
nm1402546	Sibel Kekilli	1980	None	tt0944947,tt1288376,tt0806910,tt0347048
nm1406364	Conor Delaney	None	None	tt0944947,tt1876552,tt0283096,tt3344708
nm1409802	Simon Armstrong	None	None	tt0944947,tt1371155,tt1448755,tt5988966
nm1414435	Robert Sterne	None	None	tt4786824,tt1478964,tt0425112,tt0944947
nm1423916	David Sheehan	None	None	tt0758790,tt0170930,tt0844794,tt0944947
nm1460176	Sigur Rós	None	None	tt0259711,tt1477834,tt1403981,tt0362270
nm1478079	Joe Dempsie	1987	None	tt1935302,tt0840196,tt1297919,tt0944947
nm1483416	Richard Rycroft	None	None	tt1473832,tt4786824,tt0944947,tt0462520
nm1502469	Dar Salim	1977	None	tt5431082,tt0944947,tt0431842,tt1270262
nm1519719	Annette Tierney	None	None	tt0944947,tt0810725,tt3777860,tt0490539
nm1528121	Philip	1981	None	tt3922704,tt0053494,tt0944947,tt1446714

McGinley				
nm1561982	Pilou Asbæk	1982	None	tt1219827,tt0944947,tt2216240,tt4530422
nm1613839	Ian Whyte	1971	None	tt9253284,tt1446714,tt0944947,tt11138512
nm1638006	Michael Condron	None	None	tt0053494,tt0462335,tt0944947,tt8103066
nm1638294	Eugene Simon	1992	None	tt1638319,tt7583274,tt0944947,tt4399952
nm1651043	Stephen Don	None	None	tt2823568,tt6039842,tt6099548,tt0944947
nm1652341	Jamie Michie	1977	None	tt0944947,tt6679794,tt1390411,tt1758810
nm1677757	Anthony Morris	None	None	tt0944947,tt1893256,tt4206804,tt9243804
nm1697771	Ellie Kendrick	1990	None	tt1159922,tt0944947,tt1548850,tt1174732
nm1707712	Zachary Baharov	1980	None	tt1288403,tt1023114,tt1264914,tt1909015
nm1743706	Jon Thor Birgisson	1975	None	tt1646971,tt2386490,tt1389137,tt0892769
nm1743714	Orri P. Dyrason	1977	None	tt0259711,tt1403981,tt1477834,tt0362270
nm1743730	Georg Holm	1976	None	tt1477834,tt1403981,tt0362270,tt0259711
nm1745190	George Georgiou	None	None	tt7767422,tt0944947,tt0489974,tt6729080
nm1748634	Lucian Msamati	1976	None	tt0963178,tt5563334,tt13640696,tt1356380
nm1754059	Natalie Dormer	1982	None	tt0758790,tt10361016,tt1951266,tt0944947
nm1778512	Jóhannes Haukur Jóhannesson	None	None	tt7660850,tt6654210,tt0944947,tt11311302
nm1783582	Sahara Knite	1975	None	tt15288590,tt15249564,tt0944947,tt9814116
nm1788152	Brendan McCormack	None	None	tt0800286,tt0944947,tt1235796,tt0808096
nm1794801	Colin Carnegie	None	None	tt11285548,tt0462335,tt0944947,tt1212428
nm1821446	Hannah Waddingham	1974	None	tt0455538,tt1707386,tt10986410,tt5973658
nm1861467	Roxanne McKee	1980	None	tt0112004,tt1043726,tt3079768,tt0944947
nm1872855	Spencer Wilding	1972	None	tt3748528,tt0486655,tt1043726,tt1976009
nm1944894	Kristján Kristjánsson	1956	None	tt8385148,tt2431438,tt1520211,tt0944947
nm1970465	Kristofer Hivju	1978	None	tt1815862,tt0944947,tt2121382,tt0905372

nm1978998	Forbes KB	1965	None	tt0866439,tt0381061,tt1289406,tt0436697
nm1987270	Brian Fortune	None	None	tt2521236
nm1996829	Nonso Anozie	1978	None	tt1045670,tt1661199,tt0816462,tt0462396
nm2047170	Emun Elliott	1983	None	tt0944947,tt1450321,tt1446714,tt2488496
nm2075330	Mark Killeen	None	None	tt14792896,tt1877830,tt1462764,tt0944947
nm2089809	Nikovich Sammut	None	None	tt0408306,tt1186830,tt1270262,tt4172430
nm2131630	Jefferson Hall	None	None	tt0988045,tt1502407,tt6723592,tt2488496
nm2162079	Ivailo Dimitrov	None	None	tt1959563,tt0816711,tt10228134,tt3062096
nm2167445	Gethin Anthony	1983	None	tt2459156,tt1880399,tt3391046,tt0944947
nm2171898	Birgitte Hjort Sørensen	1982	None	tt1971325,tt2675914,tt2848292,tt1961192
nm2181128	Joel Fry	None	None	tt0944947,tt0443649,tt3228774,tt8079248
nm2197118	Ciaran Bermingham	None	None	tt4531868,tt0944947,tt6095984,tt4714568
nm2228622	Marcus Lamb	None	None	tt4699982,tt0944947,tt1876552,tt1442444
nm2231505	David James	None	None	tt6632666,tt1672189,tt0944947
nm2247629	Gemma Whelan	1981	None	tt9214832,tt1320261,tt0780653,tt0944947
nm2307468	Ricky Champ	1980	None	tt1974934,tt3045616,tt1213663,tt0944947
nm2356940	Hannah Murray	1989	None	tt4180576,tt2141751,tt0944947,tt5390504
nm2406775	Cedric Henderson	None	None	tt0944947,tt8561820,tt0807980
nm2407387	Sara Dylan	None	None	tt2303687,tt0944947,tt4276624,tt0981330
nm2456829	Alice Hewkin	None	None	tt2345759,tt8962124,tt7767422,tt4786824
nm2461009	Tim Landers	None	None	tt0944947,tt8633116,tt15346418,tt0430814
nm2482781	Dean Whatton	None	None	tt0944947,tt2464374,tt2792326,tt3474788
nm2489799	Elisa Lasowski	None	None	tt1837574,tt3830558,tt1172206
nm2657974	Esmé Bianco	1982	None	tt4016454,tt0944947,tt4254242,tt2758770
nm2746504	Dean Jagger	1978	None	tt2948160,tt17940806,tt2098843,tt0944947
nm2760664	Jacob Anderson	1990	None	tt1514041,tt2350760,tt0944947,tt4530422
nm2772105	Oona Chaplin	1986	None	tt1270262,tt0944947,tt2726560,tt0830515
nm2807170	Neil Fingleton	1980	2017	tt1270798,tt1335975,tt1617661,tt2395427
nm2812026	Nathalie Emmanuel	1989	None	tt2820852,tt0944947,tt5433138,tt4046784

nm2835616	Dean-Charles Chapman	1997	None	tt1726592,tt8579674,tt8266310,tt0944947
nm2869309	Eros Vlahos	1995	None	tt2094262,tt1781769,tt8877172,tt1415283
nm2911170	Laurence Doherty	None	None	tt2145829,tt1333064,tt1253869,tt12723964
nm2983094	Aisling Jarrett-Gavin	None	None	tt0112004,tt0944947,tt1215172,tt8001226
nm2996220	Lino Facioli	2000	None	tt7767422,tt2343380,tt1226229,tt0944947
nm2999602	Junade Khan	1982	None	tt0112004,tt0944947,tt6809036,tt0259733
nm3005802	Ivan Peric	None	None	tt6866224,tt1877832,tt2295560,tt2139881
nm3040811	Andrei Claude	1979	None	tt5057130,tt8976760,tt2306299,tt0944947
nm3065809	Rosabell Laurenti Sellers	1996	None	tt2370096,tt0944947,tt2751576,tt0896872
nm3122423	Patrick Ryan	None	None	tt0944947,tt14527610,tt11311302,tt4320944
nm3126053	Susie Kelly	None	None	tt0944947,tt0985593,tt0488380,tt1240982
nm3209935	Rob Ostlere	1984	None	tt0184122,tt2241676,tt0944947,tt10846464
nm3229685	Kit Harington	1986	None	tt9032400,tt0944947,tt0938330,tt1921064
nm3280686	Art Parkinson	2001	None	tt8425404,tt2126355,tt4302938,tt0944947
nm3292422	Chris Gallagher	None	None	tt0944947,tt1565785,tt0170930,tt2306299
nm3310211	Rose Leslie	1987	None	tt1618442,tt3177316,tt4520364,tt0944947
nm3330066	Sarine Sofair	None	None	tt2262287,tt5312104,tt0944947,tt1781769
nm3330122	Wilko Johnson	1947	2022	tt4188192,tt1738634,tt0259795,tt0944947
nm3338062	George Appleby	None	None	tt0944947,tt14407126,tt7035992,tt5257554
nm3354768	Alan Paris	None	None	tt0944947,tt1186830,tt9783938,tt2825222
nm3444954	Ben Hawkey	None	None	tt1562871,tt0944947,tt1919418,tt1371160
nm3453345	Maxwell Laird	None	None	tt0944947,tt2215211,tt1582196,tt1305562
nm3464945	Andy Kellegher	None	None	tt0944947,tt2544624,tt4320944,tt4971424
nm3524836	Steve Cash	None	None	tt1695366,tt0944947,tt2183641,tt2306299
nm3531913	Elizabeth Webster	None	None	tt2414766,tt2939156,tt1362058,tt0944947
nm3561455	Patrick J Molloy	None	None	tt4577468,tt0944947,tt5436486,tt2460366
nm3586035	Maisie Williams	1997	None	tt0944947,tt1330018,tt3294200,tt4682266

nm3592338	Emilia Clarke	1986	None	tt3778644,tt0944947,tt1340138,tt2674426
nm3645691	Finn Jones	1988	None	tt4230076,tt0944947,tt3322310,tt2179239
nm3652842	Isaac Hempstead Wright	1999	None	tt0787474,tt9664108,tt1687901,tt0944947
nm3671418	Laura Pradelska	None	None	tt5484010,tt4230938
nm3701064	Iwan Rheon	1985	None	tt0800325,tt1548850,tt0944947,tt3815412
nm3725055	Jessica Henwick	1992	None	tt18363072,tt2222042,tt11564570,tt1649418
nm3727276	Will O'Connell	None	None	tt6813264,tt0944947,tt3096344,tt6853528
nm3729225	Gwendoline Christie	1978	None	tt1951266,tt2527336,tt0944947,tt2488496
nm3745225	Charlotte Hope	None	None	tt1707386,tt2980516,tt3640424,tt5814060
nm3822462	Rila Fukushima	None	None	tt6686450
nm3822505	Amrita Acharia	1987	None	tt0944947,tt10642480,tt6441720,tt2798170
nm3849670	Faye Marsay	1986	None	tt3169706,tt9253284,tt0944947,tt2085059
nm3849842	Sophie Turner	1996	None	tt1731701,tt0944947,tt3385516,tt6565702
nm3964231	Kristian Nairn	1975	None	tt2183641,tt11000902,tt6857040,tt0944947
nm3996678	Maisie Dee	1985	None	tt5080582,tt13306176,tt0944947,tt4387082
nm4007028	Darren Killeen	None	None	tt9076154,tt0944947,tt2244875,tt5447862
nm4164318	Hugo Culverhouse	None	None	tt6250162,tt0944947,tt5335800,tt4360468
nm4207240	Phil Barnhill	None	None	tt1785299
nm4263213	John Bradley	1988	None	tt5451690,tt0944947,tt5834426,tt10223460
nm4335246	Faolan Morgan	None	None	tt9621284,tt3546370,tt0462335,tt0944947
nm4385245	Tobias Winter	None	None	tt2653354,tt1240982,tt0944947,tt2294189
nm4416560	Ryan McKenna	None	None	tt1205456,tt2567712,tt0944947,tt5639432
nm4422639	Rania Zouari	None	None	tt0944947,tt1735200
nm4422708	Claire Wright	None	None	tt0944947,tt2653352
nm4424689	Sarita Piotrowski	None	None	tt2476682,tt0944947,tt2214815,tt1682886
nm4430828	Luke Barnes	None	None	tt4648860,tt0944947,tt5306820,tt3366354
nm4430905	Rhodri Hosking	None	None	tt11238716,tt2395417,tt0944947,tt0096555

nm4440118	Seamus Kelly	None	None	tt0944947
nm4440305	Mark Stanley	None	None	tt7334158,tt8365002,tt5700176,tt3622120
nm4450657	Kevin Keenan	None	None	tt2190796,tt0944947,tt3635702,tt2943206
nm4460936	Antonia Christophers	None	None	tt1778108,tt1951140,tt0944947
nm4473207	Barrington Cullen	None	None	tt0944947,tt4557078,tt3480948,tt2147365
nm4475182	Dennis McKeever	None	None	tt0944947
nm4475204	Tristan Mercieca	None	None	tt0944947
nm4475303	Phil Dixon	None	None	tt0944947
nm4475335	Jeffrey O'Brien	None	None	tt0829150,tt0944947,tt2653350
nm4492916	Rick Burn	None	None	tt8553578,tt0944947,tt2306299,tt2628232
nm4492930	Simon Stewart	None	None	tt2544624,tt6363592,tt0944947
nm4514519	Toby Sebastian	1992	None	tt1928340,tt0944947,tt3068894,tt5070062
nm4523680	Kerr Logan	1988	None	tt11403434,tt4276618,tt1034007,tt0944947
nm4535552	Daniel Portman	1992	None	tt14466294,tt11846996,tt11725900,tt2653340
nm4547262	Leo Woodruff	None	None	tt1345836,tt1211837,tt2382320,tt0944947
nm4595425	Boyd Rankin	1945	2019	tt0349683,tt3208026,tt1240982,tt0944947
nm4704928	Marc Rissmann	1980	None	tt1740299,tt4179452,tt13991232,tt0944947
nm4730958	Eline Powell	1990	None	tt2884308,tt1972591,tt2091298,tt0944947
nm4744043	Sam Coleman	1996	None	tt4669296,tt2620590,tt0944947,tt5995864
nm4757478	Dez McMahon	None	None	tt0944947,tt2306299,tt3463106,tt0085020
nm4768858	Pixie Le Knot	None	None	tt3726322,tt0944947,tt2388771,tt1560985
nm4781280	Paul Caddell	None	None	tt2294189,tt1248971,tt0944947,tt4885624
nm4789912	Hannah John- Kamen	1989	None	tt3952222,tt5095030,tt1677720,tt2085059
nm4831584	Will Tudor	1987	None	tt3068894,tt4145054,tt4122068,tt0944947
nm4927489	Melanie Liburd	1987	None	tt14954666,tt5555260,tt0944947,tt10732104
nm4957233	Aisling Franciosi	1993	None	tt2294189,tt0944947,tt4068576,tt11233960

nm4958677	Kelly Long	None	None	tt0944947,tt21399170,tt4178092,tt7012634
nm4982614	Dennis Stokes	None	None	tt0944947
nm4982706	Josephine Gillan	1988	None	tt3004644,tt0944947,tt9455188
nm5037688	Rea Separovic	None	None	tt0944947
nm5039410	Rebecca Benson	None	None	tt5705956,tt8128344,tt2884018,tt0944947
nm5081192	Kerry Ingram	1999	None	tt1707386,tt6928052,tt0241383,tt0944947
nm5093301	Alexandra Dowling	1990	None	tt0094525,tt1742179,tt2733252,tt0944947
nm5106314	Gemita Samarra	None	None	tt2379713,tt0944947,tt1935859,tt1355631
nm5159884	Meena Rayann	None	None	tt9849190,tt9059350,tt0944947,tt4761112
nm5279916	Leigh Gill	None	None	tt7286456,tt0944947,tt3183660,tt3086386
nm5282143	Brenock O'Connor	2000	None	tt6964748,tt4531728,tt0944947,tt2470102
nm5309709	Nell Williams	1998	None	tt5563334,tt0944947,tt8266310,tt3154822
nm5390029	Lottie Steer	None	None	tt0944947,tt1014763,tt1109624,tt1707386
nm5502252	Elizabeth Cadwallader	None	None	tt0241383,tt7526498,tt11824218,tt0944947
nm5502295	Matteo Elezi	None	None	tt0944947,tt5595168,tt1340758
nm5624523	Timothy Gibbons	None	None	tt9051908,tt0944947,tt0829150,tt6208148
nm5651524	Mark Coney	None	None	tt3414054,tt3244986,tt1233560,tt0758790
nm5652121	Ragnar Þórhallsson	None	None	tt1520211,tt0944947,tt0359950,tt12809988
nm5652293	Nanna Bryndís Hilmarsdóttir	None	None	tt0944947,tt0359950,tt12809988,tt2355495
nm5697839	Jed Murray	None	None	tt0944947,tt3680440,tt11311302,tt8233874
nm5792452	Michael Stuart	None	None	tt8955022,tt7143726,tt1316078,tt2145829
nm5908524	Christian Vit	1982	None	tt9860660,tt11641654,tt0184122,tt0944947
nm5981376	Paul Monahan	None	None	tt11583012,tt2606788,tt0829150
nm6088160	Diogo Sales	1985	None	tt21867228,tt0944947,tt6353166,tt8452584
nm6301068	Sabrina Bartlett	1991	None	tt0944947,tt3874450,tt3636060,tt8740790
nm6316115	Ruairí Heading	1991	None	tt3208026,tt9076154,tt0944947,tt4699982
nm6342915	Robert Fawsitt	None	None	tt0944947,tt3865236,tt1212428,tt2306299

nm6442298	Conor Watters	None	None	tt0944947
nm6462692	Fionn Kernan	None	None	tt2465408,tt0944947
nm6537691	Samuel Paul Small	None	None	tt9059820,tt0944947,tt21819258,tt16437278
nm6706699	Michael Hooley	None	None	tt1212428,tt0944947,tt11138512,tt13496566
nm6729880	Chuku Modu	1990	None	tt4154664,tt2674426,tt6470478,tt0944947
nm6793798	Eddie Eyre	1988	None	tt0944947,tt5809150,tt0088512,tt8785372
nm7047874	Staz Nair	1991	None	tt0944947,tt4016454,tt4276624,tt1267299
nm7075019	Robert Aramayo	1992	None	tt10065694,tt5867314,tt6856242,tt4550098
nm7318132	Davor Jozinovic	None	None	tt0944947
nm7318134	Hadi Kermani	None	None	tt11083482,tt3295330,tt0944947
nm7318135	Tonci Banov	None	None	tt5061784,tt0944947
nm7509185	Sebastian Croft	2001	None	tt7715070,tt8416494,tt9561862,tt10638036
nm7509186	Fergus Leathem	None	None	tt0944947,tt6282542
nm8108764	Cordelia Hill	None	None	tt0944947
nm8127149	Nathanael Saleh	None	None	tt0944947,tt1635327,tt3498954,tt5028340
nm8127150	Michael Nevin	None	None	tt0944947,tt5882386
nm8127151	Jesse Magee	None	None	tt6036728,tt1983079,tt0944947
nm8127152	Lucy Gallagher	None	None	tt0944947,tt6651118
nm8133415	Iona Clarke	None	None	tt0944947,tt6793280
nm8158202	Arnar Rosenkranz Hilmarsson	None	None	tt0944947,tt3801702,tt1520211,tt0072562
nm8158203	Brynjar Leifsson	None	None	tt19801336,tt1520211,tt0944947
nm8165602	Bella Ramsey	2003	None	tt3581920,tt11727866,tt0944947,tt6385540
nm8257864	Megan Parkinson	None	None	tt0944947,tt6636246,tt5761478,tt4276618
nm8314450	Lucy Hayes	None	None	tt0944947
nm9132255	Harry Grasby	None	None	tt5650650,tt0944947,tt3814634

In [24]: %%sql

```
/* Create a table to make names atomic */

use s23_w4111_hw2_dyh2111;

drop table if exists name_basics_names;

create table name_basics_names
(
    nconst          varchar(16) not null PRIMARY KEY,
                    FOREIGN KEY (nconst) REFERENCES name_basics_all_fixe
    firstName       varchar(30) not null,
    lastName        varchar(30) not null,
    birthYear       int         null,
    deathYear       int         null
);

/* Copy and separate names */

INSERT INTO
    name_basics_names (
        nconst,
        firstName,
        lastName,
        birthYear,
        deathYear
    )
SELECT
    nconst,
    substr(primaryName,1, locate(' ', primaryName)-1),
    substr(primaryName, locate(' ', primaryName)+1),
    birthYear,
    deathYear

FROM
    name_basics_all_fixed;

SELECT * FROM name_basics_names;
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
0 rows affected.
0 rows affected.
348 rows affected.
348 rows affected.
```

Out[24]:

nconst	firstName	lastName	birthYear	deathYear
nm0000293	Sean	Bean	1959	None
nm0000596	Jonathan	Pryce	1947	None
nm0000980	Jim	Broadbent	1949	None
nm0001097	Charles	Dance	1946	None
nm0001290	Richard	E. Grant	1957	None

nm0001354	Ciarán	Hinds	1953	None
nm0001671	Diana	Rigg	1938	2020
nm0002103	Julian	Glover	1935	None
nm0004355	Roger	Ashton-Griffiths	1957	None
nm0004692	Mark	Addy	1964	None
nm0015382	Adewale	Akinnuoye-Agbaje	1967	None
nm0019885	Roger	Allam	1953	None
nm0050520	Peter	Ballance	None	None
nm0050959	Pedro	Pascal	1975	None
nm0057965	Clifford	Barry	None	None
nm0064155	Ian	Beattie	1965	None
nm0065874	Andy	Beckwith	None	None
nm0072855	Paul	Bentley	None	None
nm0087432	Nicholas	Blane	None	None
nm0103195	David	Bradley	1942	None
nm0114742	Susan	Brown	1946	None
nm0119804	Ania	Bukstein	1982	None
nm0126298	Terry	Byrne	None	None
nm0130538	Sam	Callis	1973	None
nm0141582	Dominic	Carter	None	None
nm0162281	Enzo	Cilenti	1974	None
nm0170799	Steven	Cole	None	None
nm0174005	Ben	Crompton	1974	None
nm0174449	Aiden	Condron	None	None
nm0181920	James	Cosmo	1948	None
nm0182666	Nikolaj	Coster-Waldau	1970	None
nm0188871	Mackenzie	Crook	1971	None
nm0192377	Liam	Cunningham	1961	None
nm0203801	Karl	Davies	1982	None
nm0203882	Oliver	Ford Davies	1939	None
nm0204583	Essie	Davis	1970	None
nm0214343	Donagh	Deeney	None	None
nm0225483	Kate	Dickie	1971	None

nm0226820	Stephen	Dillane	1957	None
nm0227759	Peter	Dinklage	1969	None
nm0231871	Ron	Donachie	1956	None
nm0234541	Roy	Dotrice	1923	2017
nm0243696	James	Doran	None	None
nm0265610	Michelle	Fairley	1963	None
nm0267256	Souad	Faress	1948	None
nm0269077	James	Faulkner	1948	None
nm0269923	Michael	Feast	1946	None
nm0283492	Jerome	Flynn	1963	None
nm0283642	Tony	Flynn	None	None
nm0309693	Mark	Gatiss	1966	None
nm0312245	Ian	Gelder	1949	None
nm0318821	Aidan	Gillen	1968	None
nm0322416	Jack	Gleeson	1992	None
nm0322513	Iain	Glen	1961	None
nm0341739	Raymond	Griffiths	None	None
nm0352901	Kenneth	Hadley	None	None
nm0360171	Ian	Hanmore	1953	None
nm0371160	Michael	Hayes	None	None
nm0372176	Lena	Headey	1973	None
nm0383835	Dan	Hildebrand	None	None
nm0384152	Conleth	Hill	1964	None
nm0389698	B.J.	Hogg	1955	2020
nm0396924	Carice	van Houten	1976	None
nm0404809	Frank	Hvam	1970	None
nm0408591	Ralph	Ineson	1969	None
nm0424191	Margaret	John	1926	2011
nm0428765	Mark	Lewis Jones	1964	None
nm0429956	Gerard	Jordan	None	None
nm0432837	Marko	Juraga	1984	None
nm0432838	Slavko	Juraga	1959	None
nm0443373	Paul	Kaye	1965	None
nm0443825	Dermot	Keaney	1964	None

nm0464305	Yuri	Kolokolnikov	1980	None
nm0481924	Richard	Laing	None	None
nm0503319	Gerald	Lepkowski	1966	None
nm0504320	Anton	Lesser	1952	None
nm0516003	Harry	Lloyd	1983	None
nm0516385	Tim	Loane	None	None
nm0523047	Simon	Lowe	None	None
nm0534062	Oengus	MacNamara	None	None
nm0534635	Richard	Madden	1986	None
nm0535837	Francis	Magee	1969	None
nm0538869	Patrick	Malahide	1945	None
nm0544139	Clive	Mantle	1957	None
nm0562003	Jodhi	May	1975	None
nm0564516	Vinnie	McCabe	None	None
nm0564920	Rory	McCann	1969	None
nm0565472	Bryan	McCaugherty	None	None
nm0568385	Michael	McElhatton	1963	None
nm0568400	Ian	McElhinney	1948	None
nm0570570	Tim	McInnerny	1956	None
nm0571654	Fintan	McKeown	None	None
nm0574534	Ian	McShane	1942	None
nm0580014	Tobias	Menzies	1974	None
nm0597388	Jason	Momoa	1979	None
nm0610312	Gina	Moxley	None	None
nm0622533	Joseph	Naufahu	1978	None
nm0628040	Christopher	Newman	1955	None
nm0634139	Reece	Noi	1988	None
nm0639569	Gerry	O'Brien	None	None
nm0641433	Patrick	O'Kane	1965	None
nm0641596	Jer	O'Leary	None	2018
nm0642751	Frank	O'Sullivan	None	None
nm0649046	Deobia	Oparei	1971	None
nm0654295	Alfie	Allen	1986	None
nm0700059	Robert	Pugh	1950	None

nm0727778	David	Rintoul	1948	None
nm0734304	Paddy	Rocks	None	None
nm0734498	Lalor	Roddy	1954	None
nm0751085	Clive	Russell	1945	None
nm0752638	Jonathan	Ryan	None	None
nm0796502	Alexander	Siddig	1965	None
nm0798872	Peter	Silverleaf	None	None
nm0803397	Jamie	Sives	1973	None
nm0815420	Mia	Soteriou	None	None
nm0819087	Samantha	Spiro	1968	None
nm0822062	John	Standing	1934	None
nm0838910	Donald	Sumpter	1943	None
nm0852965	Noah	Taylor	1969	None
nm0853583	Owen	Teale	1961	None
nm0863130	Ramon	Tikaram	1967	None
nm0889338	Rupert	Vansittart	1958	None
nm0890055	Indira	Varma	1973	None
nm0891092	Peter	Vaughan	1923	2016
nm0894857	David	Verrey	None	None
nm0915453	Tony	Way	1978	None
nm0916037	Bronson	Webb	1983	None
nm0928408	Andrew	Wilde	None	None
nm0937239	Tom	Wlaschiha	1973	None
nm0997747	Gary	Pillai	1968	None
nm1032473	Thomas	Brodie-Sangster	1990	None
nm1043031	Tim	Plester	1970	None
nm1051151	Paul	Rattray	None	None
nm1074361	Luke	Roberts	1977	None
nm1086981	Josef	Altin	1983	None
nm1095720	Keisha	Castle-Hughes	1990	None
nm1101680	Gordon	Fulton	1949	2016
nm1103771	Mary	Jordan	1913	1973
nm1115654	Miltos	Yerolemou	None	None
nm1146807	Gary	Oliver	None	None

nm1152798	Joseph	Mawle	1974	None
nm1164730	Natalia	Tena	1984	None
nm1168404	Reg	Wayment	None	None
nm1175468	Elyes	Gabel	1983	None
nm1212069	Bart	the Bear	2000	2021
nm1214477	Michael	Grennell	1958	None
nm1218607	Burn	Gorman	1974	None
nm1368037	Alisdair	Simpson	None	None
nm1368643	Ross	Mullan	1967	None
nm1378629	Maggie	Hayes	None	None
nm1378721	Graham	Charles	None	None
nm1395532	Joseph	Gatt	1971	None
nm1402546	Sibel	Kekilli	1980	None
nm1406364	Conor	Delaney	None	None
nm1409802	Simon	Armstrong	None	None
nm1414435	Robert	Sterne	None	None
nm1423916	David	Sheehan	None	None
nm1460176	Sigur	Rós	None	None
nm1478079	Joe	Dempsie	1987	None
nm1483416	Richard	Rycroft	None	None
nm1502469	Dar	Salim	1977	None
nm1519719	Annette	Tierney	None	None
nm1528121	Philip	McGinley	1981	None
nm1561982	Pilou	Asbæk	1982	None
nm1613839	Ian	Whyte	1971	None
nm1638006	Michael	Condrón	None	None
nm1638294	Eugene	Simon	1992	None
nm1651043	Stephen	Don	None	None
nm1652341	Jamie	Michie	1977	None
nm1677757	Anthony	Morris	None	None
nm1697771	Ellie	Kendrick	1990	None
nm1707712	Zachary	Baharov	1980	None
nm1743706	Jon	Thor Birgisson	1975	None
nm1743714	Orri	P. Dyrason	1977	None

nm1743730	Georg	Holm	1976	None
nm1745190	George	Georgiou	None	None
nm1748634	Lucian	Msamati	1976	None
nm1754059	Natalie	Dormer	1982	None
nm1778512	Jóhannes	Haukur Jóhannesson	None	None
nm1783582	Sahara	Knite	1975	None
nm1788152	Brendan	McCormack	None	None
nm1794801	Colin	Carnegie	None	None
nm1821446	Hannah	Waddingham	1974	None
nm1861467	Roxanne	McKee	1980	None
nm1872855	Spencer	Wilding	1972	None
nm1944894	Kristján	Kristjánsson	1956	None
nm1970465	Kristofer	Hivju	1978	None
nm1978998	Forbes	KB	1965	None
nm1987270	Brian	Fortune	None	None
nm1996829	Nonso	Anozie	1978	None
nm2047170	Emun	Elliott	1983	None
nm2075330	Mark	Killeen	None	None
nm2089809	Nikovich	Sammut	None	None
nm2131630	Jefferson	Hall	None	None
nm2162079	Ivailo	Dimitrov	None	None
nm2167445	Gethin	Anthony	1983	None
nm2171898	Birgitte	Hjort Sørensen	1982	None
nm2181128	Joel	Fry	None	None
nm2197118	Ciaran	Birmingham	None	None
nm2228622	Marcus	Lamb	None	None
nm2231505	David	James	None	None
nm2247629	Gemma	Whelan	1981	None
nm2307468	Ricky	Champ	1980	None
nm2356940	Hannah	Murray	1989	None
nm2406775	Cedric	Henderson	None	None
nm2407387	Sara	Dylan	None	None
nm2456829	Alice	Hewkin	None	None

nm2461009	Tim	Landers	None	None
nm2482781	Dean	Whatton	None	None
nm2489799	Elisa	Lasowski	None	None
nm2657974	Esmé	Bianco	1982	None
nm2746504	Dean	Jagger	1978	None
nm2760664	Jacob	Anderson	1990	None
nm2772105	Oona	Chaplin	1986	None
nm2807170	Neil	Fingleton	1980	2017
nm2812026	Nathalie	Emmanuel	1989	None
nm2835616	Dean-Charles	Chapman	1997	None
nm2869309	Eros	Vlahos	1995	None
nm2911170	Laurence	Doherty	None	None
nm2983094	Aisling	Jarrett-Gavin	None	None
nm2996220	Lino	Facioli	2000	None
nm2999602	Junade	Khan	1982	None
nm3005802	Ivan	Peric	None	None
nm3040811	Andrei	Claude	1979	None
nm3065809	Rosabell	Laurenti Sellers	1996	None
nm3122423	Patrick	Ryan	None	None
nm3126053	Susie	Kelly	None	None
nm3209935	Rob	Ostlere	1984	None
nm3229685	Kit	Harington	1986	None
nm3280686	Art	Parkinson	2001	None
nm3292422	Chris	Gallagher	None	None
nm3310211	Rose	Leslie	1987	None
nm3330066	Sarine	Sofair	None	None
nm3330122	Wilko	Johnson	1947	2022
nm3338062	George	Appleby	None	None
nm3354768	Alan	Paris	None	None
nm3444954	Ben	Hawkey	None	None
nm3453345	Maxwell	Laird	None	None
nm3464945	Andy	Kellegher	None	None
nm3524836	Steve	Cash	None	None
nm3531913	Elizabeth	Webster	None	None

nm3561455	Patrick	J Molloy	None	None
nm3586035	Maisie	Williams	1997	None
nm3592338	Emilia	Clarke	1986	None
nm3645691	Finn	Jones	1988	None
nm3652842	Isaac	Hempstead Wright	1999	None
nm3671418	Laura	Pradelska	None	None
nm3701064	Iwan	Rheon	1985	None
nm3725055	Jessica	Henwick	1992	None
nm3727276	Will	O'Connell	None	None
nm3729225	Gwendoline	Christie	1978	None
nm3745225	Charlotte	Hope	None	None
nm3822462	Rila	Fukushima	None	None
nm3822505	Amrita	Acharia	1987	None
nm3849670	Faye	Marsay	1986	None
nm3849842	Sophie	Turner	1996	None
nm3964231	Kristian	Nairn	1975	None
nm3996678	Maisie	Dee	1985	None
nm4007028	Darren	Killeen	None	None
nm4164318	Hugo	Culverhouse	None	None
nm4207240	Phil	Barnhill	None	None
nm4263213	John	Bradley	1988	None
nm4335246	Faolan	Morgan	None	None
nm4385245	Tobias	Winter	None	None
nm4416560	Ryan	McKenna	None	None
nm4422639	Rania	Zouari	None	None
nm4422708	Claire	Wright	None	None
nm4424689	Sarita	Piotrowski	None	None
nm4430828	Luke	Barnes	None	None
nm4430905	Rhodri	Hosking	None	None
nm4440118	Seamus	Kelly	None	None
nm4440305	Mark	Stanley	None	None
nm4450657	Kevin	Keenan	None	None
nm4460936	Antonia	Christophers	None	None
nm4473207	Barrington	Cullen	None	None

nm4475182	Dennis	McKeever	None	None
nm4475204	Tristan	Mercieca	None	None
nm4475303	Phil	Dixon	None	None
nm4475335	Jeffrey	O'Brien	None	None
nm4492916	Rick	Burn	None	None
nm4492930	Simon	Stewart	None	None
nm4514519	Toby	Sebastian	1992	None
nm4523680	Kerr	Logan	1988	None
nm4535552	Daniel	Portman	1992	None
nm4547262	Leo	Woodruff	None	None
nm4595425	Boyd	Rankin	1945	2019
nm4704928	Marc	Rissmann	1980	None
nm4730958	Eline	Powell	1990	None
nm4744043	Sam	Coleman	1996	None
nm4757478	Dez	McMahon	None	None
nm4768858	Pixie	Le Knot	None	None
nm4781280	Paul	Caddell	None	None
nm4789912	Hannah	John-Kamen	1989	None
nm4831584	Will	Tudor	1987	None
nm4927489	Melanie	Liburd	1987	None
nm4957233	Aisling	Franciosi	1993	None
nm4958677	Kelly	Long	None	None
nm4982614	Dennis	Stokes	None	None
nm4982706	Josephine	Gillan	1988	None
nm5037688	Rea	Separovic	None	None
nm5039410	Rebecca	Benson	None	None
nm5081192	Kerry	Ingram	1999	None
nm5093301	Alexandra	Dowling	1990	None
nm5106314	Gemita	Samarra	None	None
nm5159884	Meena	Rayann	None	None
nm5279916	Leigh	Gill	None	None
nm5282143	Brenock	O'Connor	2000	None
nm5309709	Nell	Williams	1998	None
nm5390029	Lottie	Steer	None	None

nm5502252	Elizabeth	Cadwallader	None	None
nm5502295	Matteo	Elezi	None	None
nm5624523	Timothy	Gibbons	None	None
nm5651524	Mark	Coney	None	None
nm5652121	Ragnar	Þórhallsson	None	None
nm5652293	Nanna	Bryndís Hilmarsdóttir	None	None
nm5697839	Jed	Murray	None	None
nm5792452	Michael	Stuart	None	None
nm5908524	Christian	Vit	1982	None
nm5981376	Paul	Monahan	None	None
nm6088160	Diogo	Sales	1985	None
nm6301068	Sabrina	Bartlett	1991	None
nm6316115	Ruairí	Heading	1991	None
nm6342915	Robert	Fawsitt	None	None
nm6442298	Conor	Watters	None	None
nm6462692	Fionn	Kernan	None	None
nm6537691	Samuel	Paul Small	None	None
nm6706699	Michael	Hooley	None	None
nm6729880	Chuku	Modu	1990	None
nm6793798	Eddie	Eyre	1988	None
nm7047874	Staz	Nair	1991	None
nm7075019	Robert	Aramayo	1992	None
nm7318132	Davor	Jozinovic	None	None
nm7318134	Hadi	Kermani	None	None
nm7318135	Tonci	Banov	None	None
nm7509185	Sebastian	Croft	2001	None
nm7509186	Fergus	Leathem	None	None
nm8108764	Cordelia	Hill	None	None
nm8127149	Nathanael	Saleh	None	None
nm8127150	Michael	Nevin	None	None
nm8127151	Jesse	Magee	None	None
nm8127152	Lucy	Gallagher	None	None
nm8133415	Iona	Clarke	None	None

nm8158202	Arnar	Rosenkranz Hilmarsson	None	None
nm8158203	Brynjar	Leifsson	None	None
nm8165602	Bella	Ramsey	2003	None
nm8257864	Megan	Parkinson	None	None
nm8314450	Lucy	Hayes	None	None
nm9132255	Harry	Grasby	None	None

In [25]: **%%sql**

```
/* Create a table to make professions atomic */

use s23_w4111_hw2_dyh2111;

drop table if exists name_basics_professions;

create table name_basics_professions
(
    nconst                                varchar(16)
                                     not null
                                     PRIMARY KEY,
                                     FOREIGN KEY (nconst) REFERENCES name
    actor                                bool null default 0,
    actress                             bool null default 0,
    camera_department                    bool null default 0,
    assistant_director                   bool null default 0,
    make_up_department                    bool null default 0,
    cinematographer                       bool null default 0,
    composer                             bool null default 0,
    costume_department                    bool null default 0,
    miscellaneous                         bool null default 0,
    soundtrack                           bool null default 0,
    writer                               bool null default 0,
    editor                               bool null default 0,
    producer                             bool null default 0,
    set_decorator                         bool null default 0,
    music_department                      bool null default 0,
    animation_department                  bool null default 0,
    sound_department                      bool null default 0,
    script_department                     bool null default 0,
    stunts                               bool null default 0,
    talent_agent                         bool null default 0,
    transportation_department              bool null default 0,
    visual_effects                        bool null default 0,
    art_department                       bool null default 0,
    production_manager                    bool null default 0,
    casting_department                     bool null default 0,
    casting_director                      bool null default 0,
    executive                             bool null default 0
);

/* Copy and separate names */

INSERT INTO
    name_basics_professions (
        nconst
    )
SELECT
    nconst

FROM
    name_basics_all_fixed;
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
0 rows affected.
0 rows affected.
348 rows affected.
```

Out[25]: []

```
In [26]: %%sql
use s23_w4111_hw2_dyh2111;

/*Check if profession is in name_basics_allCopy.primaryProfession, if so ret

UPDATE name_basics_professions
    SET actor = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%actor%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET actress = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%actress%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET camera_department = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%camera_department%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET make_up_department = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%make_up_department%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET cinematographer = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%cinematographer%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET assistant_director = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
```

```

WHERE name_basics_allCopy.primaryProfession LIKE '%assistant_director%'
AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
  SET composer = true
WHERE EXISTS (
  SELECT * FROM name_basics_allCopy
  WHERE name_basics_allCopy.primaryProfession LIKE '%composer%'
  AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
  SET costume_department = true
WHERE EXISTS (
  SELECT * FROM name_basics_allCopy
  WHERE name_basics_allCopy.primaryProfession LIKE '%costume_department%'
  AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
  SET miscellaneous = true
WHERE EXISTS (
  SELECT * FROM name_basics_allCopy
  WHERE name_basics_allCopy.primaryProfession LIKE '%miscellaneous%'
  AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
  SET soundtrack = true
WHERE EXISTS (
  SELECT * FROM name_basics_allCopy
  WHERE name_basics_allCopy.primaryProfession LIKE '%soundtrack%'
  AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
  SET writer = true
WHERE EXISTS (
  SELECT * FROM name_basics_allCopy
  WHERE name_basics_allCopy.primaryProfession LIKE '%writer%'
  AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
  SET editor = true
WHERE EXISTS (
  SELECT * FROM name_basics_allCopy
  WHERE name_basics_allCopy.primaryProfession LIKE '%editor%'
  AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

```

```

UPDATE name_basics_professions
    SET producer = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%producer%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET set_decorator = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%set_decorator%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET music_department = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%music_department%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET animation_department = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%animation_department%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET sound_department = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%sound_department%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET script_department = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%script_department%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

```

```

UPDATE name_basics_professions
    SET stunts = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%stunts%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET talent_agent = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%talent_agent%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET transportation_department = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%transportation_department%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET visual_effects = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%visual_effects%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET art_department = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%art_department%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET production_manager = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%production_manager%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET casting_department = true

```

```

WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%casting_department%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET casting_director = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%casting_director%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

UPDATE name_basics_professions
    SET executive = true
WHERE EXISTS (
    SELECT * FROM name_basics_allCopy
    WHERE name_basics_allCopy.primaryProfession LIKE '%executive%'
    AND name_basics_allCopy.nconst = name_basics_professions.nconst
);

```

```

* mysql+pymysql://root:***@localhost
0 rows affected.
264 rows affected.
79 rows affected.
1 rows affected.
1 rows affected.
1 rows affected.
4 rows affected.
12 rows affected.
2 rows affected.
24 rows affected.
66 rows affected.
42 rows affected.
3 rows affected.
48 rows affected.
1 rows affected.
8 rows affected.
1 rows affected.
3 rows affected.
1 rows affected.
12 rows affected.
2 rows affected.
1 rows affected.
1 rows affected.
2 rows affected.
1 rows affected.
2 rows affected.
2 rows affected.
1 rows affected.

```

Out[26]: []

In [27]:

```
%%sql
use s23_w4l1l_hw2_dyh2l1l;

/* CREATE FINAL VIEW*/

CREATE OR REPLACE VIEW name_basics_all_fixed_view AS
SELECT
    n.nconst,
    n.firstName,
    n.lastName,
    n.birthYear,
    n.deathYear,
    p.actor,
    p.actress,
    p.camera_department,
    p.assistant_director,
    p.make_up_department,
    p.cinematographer,
    p.composer,
    p.costume_department,
    p.miscellaneous,
    p.soundtrack,
    p.writer,
    p.editor,
    p.producer,
    p.set_decorator,
    p.music_department,
    p.animation_department,
    p.sound_department,
    p.script_department,
    p.stunts,
    p.talent_agent,
    p.transportation_department,
    p.visual_effects,
    p.art_department,
    p.production_manager,
    p.casting_department,
    p.casting_director,
    p.executive

FROM name_basics_names n
INNER JOIN name_basics_professions p
ON n.nconst = p.nconst;

SELECT * FROM name_basics_all_fixed_view;
```

```
* mysql+pymysql://root:***@localhost
0 rows affected.
0 rows affected.
348 rows affected.
```

Out[27]:

nconst	firstName	lastName	birthYear	deathYear	actor	actress	camera_department
nm0000293	Sean	Bean	1959	None	1	0	
nm0000596	Jonathan	Pryce	1947	None	1	0	

nm0000980	Jim	Broadbent	1949	None	1	0
nm0001097	Charles	Dance	1946	None	1	0
nm0001290	Richard	E. Grant	1957	None	1	0
nm0001354	Ciarán	Hinds	1953	None	1	0
nm0001671	Diana	Rigg	1938	2020	0	1
nm0002103	Julian	Glover	1935	None	1	0
nm0004355	Roger	Ashton-Griffiths	1957	None	1	0
nm0004692	Mark	Addy	1964	None	1	0
nm0015382	Adewale	Akinnuoye-Agbaje	1967	None	1	0
nm0019885	Roger	Allam	1953	None	1	0
nm0050520	Peter	Ballance	None	None	1	0
nm0050959	Pedro	Pascal	1975	None	1	0
nm0057965	Clifford	Barry	None	None	1	0
nm0064155	Ian	Beattie	1965	None	1	0
nm0065874	Andy	Beckwith	None	None	1	0
nm0072855	Paul	Bentley	None	None	1	0
nm0087432	Nicholas	Blane	None	None	1	0
nm0103195	David	Bradley	1942	None	1	0
nm0114742	Susan	Brown	1946	None	0	1
nm0119804	Ania	Bukstein	1982	None	0	1
nm0126298	Terry	Byrne	None	None	1	0
nm0130538	Sam	Callis	1973	None	1	0
nm0141582	Dominic	Carter	None	None	1	0
nm0162281	Enzo	Cilenti	1974	None	1	0
nm0170799	Steven	Cole	None	None	1	0
nm0174005	Ben	Crompton	1974	None	1	0
nm0174449	Aiden	Condrón	None	None	1	0
nm0181920	James	Cosmo	1948	None	1	0
nm0182666	Nikolaj	Coster-Waldau	1970	None	1	0
nm0188871	Mackenzie	Crook	1971	None	1	0
nm0192377	Liam	Cunningham	1961	None	1	0
nm0203801	Karl	Davies	1982	None	1	0

nm0203882	Oliver	Ford Davies	1939	None	1	0
nm0204583	Essie	Davis	1970	None	0	1
nm0214343	Donagh	Deeney	None	None	1	0
nm0225483	Kate	Dickie	1971	None	0	1
nm0226820	Stephen	Dillane	1957	None	1	0
nm0227759	Peter	Dinklage	1969	None	1	0
nm0231871	Ron	Donachie	1956	None	1	0
nm0234541	Roy	Dotrice	1923	2017	1	0
nm0243696	James	Doran	None	None	1	0
nm0265610	Michelle	Fairley	1963	None	0	1
nm0267256	Souad	Faress	1948	None	0	1
nm0269077	James	Faulkner	1948	None	1	0
nm0269923	Michael	Feast	1946	None	1	0
nm0283492	Jerome	Flynn	1963	None	1	0
nm0283642	Tony	Flynn	None	None	1	0
nm0309693	Mark	Gatiss	1966	None	1	0
nm0312245	Ian	Gelder	1949	None	1	0
nm0318821	Aidan	Gillen	1968	None	1	0
nm0322416	Jack	Gleeson	1992	None	1	0
nm0322513	Iain	Glen	1961	None	1	0
nm0341739	Raymond	Griffiths	None	None	1	0
nm0352901	Kenneth	Hadley	None	None	1	0
nm0360171	Ian	Hanmore	1953	None	1	0
nm0371160	Michael	Hayes	None	None	1	0
nm0372176	Lena	Headey	1973	None	0	1
nm0383835	Dan	Hildebrand	None	None	1	0
nm0384152	Conleth	Hill	1964	None	1	0
nm0389698	B.J.	Hogg	1955	2020	1	0
nm0396924	Carice	van Houten	1976	None	0	1
nm0404809	Frank	Hvam	1970	None	1	0
nm0408591	Ralph	Ineson	1969	None	1	0
nm0424191	Margaret	John	1926	2011	0	1
nm0428765	Mark	Lewis Jones	1964	None	1	0

nm0429956	Gerard	Jordan	None	None	1	0
nm0432837	Marko	Juraga	1984	None	1	0
nm0432838	Slavko	Juraga	1959	None	1	0
nm0443373	Paul	Kaye	1965	None	1	0
nm0443825	Dermot	Keaney	1964	None	1	0
nm0464305	Yuri	Kolokolnikov	1980	None	1	0
nm0481924	Richard	Laing	None	None	1	0
nm0503319	Gerald	Lepkowski	1966	None	1	0
nm0504320	Anton	Lesser	1952	None	1	0
nm0516003	Harry	Lloyd	1983	None	1	0
nm0516385	Tim	Loane	None	None	1	0
nm0523047	Simon	Lowe	None	None	1	0
nm0534062	Oengus	MacNamara	None	None	1	0
nm0534635	Richard	Madden	1986	None	1	0
nm0535837	Francis	Magee	1969	None	1	0
nm0538869	Patrick	Malahide	1945	None	1	0
nm0544139	Clive	Mantle	1957	None	1	0
nm0562003	Jodhi	May	1975	None	0	1
nm0564516	Vinnie	McCabe	None	None	1	0
nm0564920	Rory	McCann	1969	None	1	0
nm0565472	Bryan	McCaugherty	None	None	1	0
nm0568385	Michael	McElhatton	1963	None	1	0
nm0568400	Ian	McElhinney	1948	None	1	0
nm0570570	Tim	McInnerny	1956	None	1	0
nm0571654	Fintan	McKeown	None	None	1	0
nm0574534	Ian	McShane	1942	None	1	0
nm0580014	Tobias	Menzies	1974	None	1	0
nm0597388	Jason	Momoa	1979	None	1	0
nm0610312	Gina	Moxley	None	None	0	1
nm0622533	Joseph	Naufahu	1978	None	1	0
nm0628040	Christopher	Newman	1955	None	0	0
nm0634139	Reece	Noi	1988	None	1	0
nm0639569	Gerry	O'Brien	None	None	1	0
nm0641433	Patrick	O'Kane	1965	None	1	0

nm0641596	Jer	O'Leary	None	2018	1	0
nm0642751	Frank	O'Sullivan	None	None	1	0
nm0649046	Deobia	Oparei	1971	None	1	0
nm0654295	Alfie	Allen	1986	None	1	0
nm0700059	Robert	Pugh	1950	None	1	0
nm0727778	David	Rintoul	1948	None	1	0
nm0734304	Paddy	Rocks	None	None	1	0
nm0734498	Lalor	Roddy	1954	None	1	0
nm0751085	Clive	Russell	1945	None	1	0
nm0752638	Jonathan	Ryan	None	None	1	0
nm0796502	Alexander	Siddig	1965	None	1	0
nm0798872	Peter	Silverleaf	None	None	1	0
nm0803397	Jamie	Sives	1973	None	1	0
nm0815420	Mia	Soteriou	None	None	0	1
nm0819087	Samantha	Spiro	1968	None	0	1
nm0822062	John	Standing	1934	None	1	0
nm0838910	Donald	Sumpter	1943	None	1	0
nm0852965	Noah	Taylor	1969	None	1	0
nm0853583	Owen	Teale	1961	None	1	0
nm0863130	Ramon	Tikaram	1967	None	1	0
nm0889338	Rupert	Vansittart	1958	None	1	0
nm0890055	Indira	Varma	1973	None	0	1
nm0891092	Peter	Vaughan	1923	2016	1	0
nm0894857	David	Verrey	None	None	1	0
nm0915453	Tony	Way	1978	None	1	0
nm0916037	Bronson	Webb	1983	None	1	0
nm0928408	Andrew	Wilde	None	None	1	0
nm0937239	Tom	Wlaschiha	1973	None	1	0
nm0997747	Gary	Pillai	1968	None	1	0
nm1032473	Thomas	Brodie-Sangster	1990	None	1	0
nm1043031	Tim	Plester	1970	None	1	0
nm1051151	Paul	Rattray	None	None	1	0
nm1074361	Luke	Roberts	1977	None	1	0

nm1086981	Josef	Altin	1983	None	1	0
nm1095720	Keisha	Castle-Hughes	1990	None	0	1
nm1101680	Gordon	Fulton	1949	2016	1	0
nm1103771	Mary	Jordan	1913	1973	0	1
nm1115654	Miltos	Yerolemou	None	None	1	0
nm1146807	Gary	Oliver	None	None	1	0
nm1152798	Joseph	Mawle	1974	None	1	0
nm1164730	Natalia	Tena	1984	None	0	1
nm1168404	Reg	Wayment	None	None	1	0
nm1175468	Elyes	Gabel	1983	None	1	0
nm1212069	Bart	the Bear	2000	2021	1	0
nm1214477	Michael	Grennell	1958	None	1	0
nm1218607	Burn	Gorman	1974	None	1	0
nm1368037	Alisdair	Simpson	None	None	1	0
nm1368643	Ross	Mullan	1967	None	1	0
nm1378629	Maggie	Hayes	None	None	0	1
nm1378721	Graham	Charles	None	None	1	0
nm1395532	Joseph	Gatt	1971	None	1	0
nm1402546	Sibel	Kekilli	1980	None	0	1
nm1406364	Conor	Delaney	None	None	1	0
nm1409802	Simon	Armstrong	None	None	1	0
nm1414435	Robert	Sterne	None	None	1	0
nm1423916	David	Sheehan	None	None	1	0
nm1460176	Sigur	Rós	None	None	0	0
nm1478079	Joe	Dempsie	1987	None	1	0
nm1483416	Richard	Rycroft	None	None	1	0
nm1502469	Dar	Salim	1977	None	1	0
nm1519719	Annette	Tierney	None	None	0	1
nm1528121	Philip	McGinley	1981	None	1	0
nm1561982	Pilou	Asbæk	1982	None	1	0
nm1613839	Ian	Whyte	1971	None	1	0
nm1638006	Michael	Condrón	None	None	1	0
nm1638294	Eugene	Simon	1992	None	1	0

nm1651043	Stephen	Don	None	None	1	0
nm1652341	Jamie	Michie	1977	None	1	0
nm1677757	Anthony	Morris	None	None	1	0
nm1697771	Ellie	Kendrick	1990	None	0	1
nm1707712	Zachary	Baharov	1980	None	1	0
nm1743706	Jon	Thor Birgisson	1975	None	0	0
nm1743714	Orri	P. Dyrason	1977	None	0	0
nm1743730	Georg	Holm	1976	None	0	0
nm1745190	George	Georgiou	None	None	1	0
nm1748634	Lucian	Msamati	1976	None	1	0
nm1754059	Natalie	Dormer	1982	None	0	1
nm1778512	Jóhannes	Haukur Jóhannesson	None	None	1	0
nm1783582	Sahara	Knite	1975	None	0	1
nm1788152	Brendan	McCormack	None	None	1	0
nm1794801	Colin	Carnegie	None	None	1	0
nm1821446	Hannah	Waddingham	1974	None	0	1
nm1861467	Roxanne	McKee	1980	None	0	1
nm1872855	Spencer	Wilding	1972	None	1	0
nm1944894	Kristján	Kristjánsson	1956	None	1	0
nm1970465	Kristofer	Hivju	1978	None	1	0
nm1978998	Forbes	KB	1965	None	1	0
nm1987270	Brian	Fortune	None	None	1	0
nm1996829	Nonso	Anozie	1978	None	1	0
nm2047170	Emun	Elliott	1983	None	1	0
nm2075330	Mark	Killeen	None	None	1	0
nm2089809	Nikovich	Sammut	None	None	1	0
nm2131630	Jefferson	Hall	None	None	1	0
nm2162079	Ivailo	Dimitrov	None	None	1	0
nm2167445	Gethin	Anthony	1983	None	1	0
nm2171898	Birgitte	Hjort Sørensen	1982	None	0	1
nm2181128	Joel	Fry	None	None	1	0
nm2197118	Ciaran	Bermingham	None	None	1	0

nm2228622	Marcus	Lamb	None	None	1	0
nm2231505	David	James	None	None	1	0
nm2247629	Gemma	Whelan	1981	None	0	1
nm2307468	Ricky	Champ	1980	None	1	0
nm2356940	Hannah	Murray	1989	None	0	1
nm2406775	Cedric	Henderson	None	None	1	0
nm2407387	Sara	Dylan	None	None	0	1
nm2456829	Alice	Hewkin	None	None	0	1
nm2461009	Tim	Landers	None	None	1	0
nm2482781	Dean	Whatton	None	None	1	0
nm2489799	Elisa	Lasowski	None	None	0	1
nm2657974	Esmé	Bianco	1982	None	0	1
nm2746504	Dean	Jagger	1978	None	1	0
nm2760664	Jacob	Anderson	1990	None	1	0
nm2772105	Oona	Chaplin	1986	None	0	1
nm2807170	Neil	Fingleton	1980	2017	1	0
nm2812026	Nathalie	Emmanuel	1989	None	0	1
nm2835616	Dean-Charles	Chapman	1997	None	1	0
nm2869309	Eros	Vlahos	1995	None	1	0
nm2911170	Laurence	Doherty	None	None	1	0
nm2983094	Aisling	Jarrett-Gavin	None	None	0	1
nm2996220	Lino	Facioli	2000	None	1	0
nm2999602	Junade	Khan	1982	None	1	0
nm3005802	Ivan	Peric	None	None	1	0
nm3040811	Andrei	Claude	1979	None	1	0
nm3065809	Rosabell	Laurenti Sellers	1996	None	0	1
nm3122423	Patrick	Ryan	None	None	1	0
nm3126053	Susie	Kelly	None	None	0	1
nm3209935	Rob	Ostlere	1984	None	1	0
nm3229685	Kit	Harington	1986	None	1	0
nm3280686	Art	Parkinson	2001	None	1	0
nm3292422	Chris	Gallagher	None	None	1	0
nm3310211	Rose	Leslie	1987	None	0	1

nm3330066	Sarine	Sofair	None	None	0	1
nm3330122	Wilko	Johnson	1947	2022	1	0
nm3338062	George	Appleby	None	None	1	0
nm3354768	Alan	Paris	None	None	1	0
nm3444954	Ben	Hawkey	None	None	1	0
nm3453345	Maxwell	Laird	None	None	1	0
nm3464945	Andy	Kellegher	None	None	1	0
nm3524836	Steve	Cash	None	None	1	0
nm3531913	Elizabeth	Webster	None	None	0	1
nm3561455	Patrick	J Molloy	None	None	1	0
nm3586035	Maisie	Williams	1997	None	0	1
nm3592338	Emilia	Clarke	1986	None	0	1
nm3645691	Finn	Jones	1988	None	1	0
nm3652842	Isaac	Hempstead Wright	1999	None	1	0
nm3671418	Laura	Pradelska	None	None	0	1
nm3701064	Iwan	Rheon	1985	None	1	0
nm3725055	Jessica	Henwick	1992	None	0	1
nm3727276	Will	O'Connell	None	None	1	0
nm3729225	Gwendoline	Christie	1978	None	0	1
nm3745225	Charlotte	Hope	None	None	0	1
nm3822462	Rila	Fukushima	None	None	0	1
nm3822505	Amrita	Acharia	1987	None	0	1
nm3849670	Faye	Marsay	1986	None	0	1
nm3849842	Sophie	Turner	1996	None	0	1
nm3964231	Kristian	Nairn	1975	None	1	0
nm3996678	Maisie	Dee	1985	None	0	1
nm4007028	Darren	Killeen	None	None	1	0
nm4164318	Hugo	Culverhouse	None	None	1	0
nm4207240	Phil	Barnhill	None	None	1	0
nm4263213	John	Bradley	1988	None	1	0
nm4335246	Faolan	Morgan	None	None	1	0
nm4385245	Tobias	Winter	None	None	1	0
nm4416560	Ryan	McKenna	None	None	1	0

nm4422639	Rania	Zouari	None	None	0	1
nm4422708	Claire	Wright	None	None	0	1
nm4424689	Sarita	Piotrowski	None	None	0	1
nm4430828	Luke	Barnes	None	None	1	0
nm4430905	Rhodri	Hosking	None	None	1	0
nm4440118	Seamus	Kelly	None	None	1	0
nm4440305	Mark	Stanley	None	None	1	0
nm4450657	Kevin	Keenan	None	None	1	0
nm4460936	Antonia	Christophers	None	None	0	1
nm4473207	Barrington	Cullen	None	None	1	0
nm4475182	Dennis	McKeever	None	None	1	0
nm4475204	Tristan	Mercieca	None	None	1	0
nm4475303	Phil	Dixon	None	None	1	0
nm4475335	Jeffrey	O'Brien	None	None	1	0
nm4492916	Rick	Burn	None	None	1	0
nm4492930	Simon	Stewart	None	None	1	0
nm4514519	Toby	Sebastian	1992	None	1	0
nm4523680	Kerr	Logan	1988	None	1	0
nm4535552	Daniel	Portman	1992	None	1	0
nm4547262	Leo	Woodruff	None	None	1	0
nm4595425	Boyd	Rankin	1945	2019	1	0
nm4704928	Marc	Rissmann	1980	None	1	0
nm4730958	Eline	Powell	1990	None	0	1
nm4744043	Sam	Coleman	1996	None	1	0
nm4757478	Dez	McMahon	None	None	1	0
nm4768858	Pixie	Le Knot	None	None	0	1
nm4781280	Paul	Caddell	None	None	1	0
nm4789912	Hannah	John-Kamen	1989	None	0	1
nm4831584	Will	Tudor	1987	None	1	0
nm4927489	Melanie	Liburd	1987	None	0	1
nm4957233	Aisling	Franciosi	1993	None	0	1
nm4958677	Kelly	Long	None	None	0	1
nm4982614	Dennis	Stokes	None	None	1	0
nm4982706	Josephine	Gillan	1988	None	0	1

nm5037688	Rea	Separovic	None	None	0	1
nm5039410	Rebecca	Benson	None	None	0	1
nm5081192	Kerry	Ingram	1999	None	0	1
nm5093301	Alexandra	Dowling	1990	None	0	1
nm5106314	Gemita	Samarra	None	None	0	1
nm5159884	Meena	Rayann	None	None	0	1
nm5279916	Leigh	Gill	None	None	1	0
nm5282143	Brenock	O'Connor	2000	None	1	0
nm5309709	Nell	Williams	1998	None	0	1
nm5390029	Lottie	Steer	None	None	0	1
nm5502252	Elizabeth	Cadwallader	None	None	0	1
nm5502295	Matteo	Elezi	None	None	1	0
nm5624523	Timothy	Gibbons	None	None	1	0
nm5651524	Mark	Coney	None	None	1	0
nm5652121	Ragnar	Pórhallsson	None	None	1	0
nm5652293	Nanna	Bryndís Hilmarsdóttir	None	None	1	0
nm5697839	Jed	Murray	None	None	1	0
nm5792452	Michael	Stuart	None	None	1	0
nm5908524	Christian	Vit	1982	None	1	0
nm5981376	Paul	Monahan	None	None	1	0
nm6088160	Diogo	Sales	1985	None	1	0
nm6301068	Sabrina	Bartlett	1991	None	0	1
nm6316115	Ruairí	Heading	1991	None	1	0
nm6342915	Robert	Fawsitt	None	None	1	0
nm6442298	Conor	Watters	None	None	1	0
nm6462692	Fionn	Kernan	None	None	1	0
nm6537691	Samuel	Paul Small	None	None	1	0
nm6706699	Michael	Hooley	None	None	1	0
nm6729880	Chuku	Modu	1990	None	1	0
nm6793798	Eddie	Eyre	1988	None	1	0
nm7047874	Staz	Nair	1991	None	1	0
nm7075019	Robert	Aramayo	1992	None	1	0
nm7318132	Davor	Jozinovic	None	None	1	0

nm7318134	Hadi	Kermani	None	None	1	0
nm7318135	Tonci	Banov	None	None	1	0
nm7509185	Sebastian	Croft	2001	None	1	0
nm7509186	Fergus	Leathem	None	None	1	0
nm8108764	Cordelia	Hill	None	None	0	1
nm8127149	Nathanael	Saleh	None	None	1	0
nm8127150	Michael	Nevin	None	None	1	0
nm8127151	Jesse	Magee	None	None	1	0
nm8127152	Lucy	Gallagher	None	None	0	1
nm8133415	Iona	Clarke	None	None	0	1
nm8158202	Arnar	Rosenkranz Hilmarsson	None	None	1	0
nm8158203	Brynjar	Leifsson	None	None	1	0
nm8165602	Bella	Ramsey	2003	None	0	1
nm8257864	Megan	Parkinson	None	None	0	1
nm8314450	Lucy	Hayes	None	None	0	1
nm9132255	Harry	Grasby	None	None	1	0