# INF10025 Data Management and Analytics

## Task 2 – Pass Submission

Student Number: 104700948

Student Name: Duong Ha Tien Le

### Pass 2a

```
studentlist(2)(1) - Notepad                                                    —    □    ×
File  Edit  Format  View  Help
StudentId,Gender,GivenName,Surname,DateOfBirth,Faculty,HomePostCode
104700948,F,Duong Ha Tien,Le,21/07/2005,Falculty of Business,3021
286069,F,Madeline,Porteus,19/12/1999,Faculty of Business & Law,3031
161176,M,Jayden,Cuthbert,6/12/1999,Faculty of Business & Law,3051
651148,M,George,Southwell,24/11/1999,Faculty of Science Engineering and Technology,3020
238428,M,Alexander,Weingarth,10/11/1999,Faculty of Science Engineering and Technology,3046
395720,F,Isla,Wildman,7/10/1999,Faculty of Business & Law,3075
268338,F,Lilian,Kessell,30/09/1999,Faculty of Health Arts and Design,3065
603019,M,Thomas,Furnell,24/09/1999,Faculty of Business & Law,3075
225802,M,Tyler,Giffen,17/09/1999,Faculty of Business & Law,3039
843509,F,Abbey,Kerrigan,13/09/1999,Faculty of Business & Law,3121
762199,F,Kiara,Ennor,17/08/1999,Faculty of Health Arts and Design,3030
772698,F,Jorja,Savage,4/08/1999,Faculty of Science Engineering and Technology,3148
854578,F,Alannah,Fawkner,21/07/1999,Faculty of Business & Law,3977
670465,M,Toby,Heidenreich,1/07/1999,Faculty of Science Engineering and Technology,3020
684506,M,Charlie,Jackey,27/06/1999,Faculty of Health Arts and Design,3148
828610,M,Hugo,Tom,7/06/1999,Faculty of Science Engineering and Technology,3121
367683,F,Natasha,Lakeland,24/05/1999,Faculty of Health Arts and Design,3046
355472,M,Adam,Goodisson,28/04/1999,Faculty of Health Arts and Design,3031
819570,M,Henry,Barbour,24/02/1999,Faculty of Science Engineering and Technology,3076
454300,F,Eliza,Lazar,14/02/1999,Faculty of Business & Law,3046
134327,M,Samuel,Moowattin,4/02/1999,Faculty of Business & Law,3031
562162,F,Hannah,Lacey,3/02/1999,Faculty of Science Engineering and Technology,3121
987914,M,Sean,Tishler,25/12/1998,Faculty of Health Arts and Design,3065
527443,F,Alice,Jowett,20/12/1998,Faculty of Science Engineering and Technology,3074
541027,M,Jackson,Vancouver,14/12/1998,Faculty of Health Arts and Design,3030
793281,F,Stella,Murnin,14/12/1998,Faculty of Health Arts and Design,3977
133197,M,Daniel,Marlowe,13/12/1998,Faculty of Business & Law,3121
765022,F,Eva,Leeper,4/12/1998,Faculty of Science Engineering and Technology,3076
219992,M,Ben,Catani,17/10/1998,Faculty of Science Engineering and Technology,3122
687677,F,Nitara,Rege,3/10/1998,Faculty of Business & Law,3031
274765,M,Lachlan,Selby,17/08/1998,Faculty of Science Engineering and Technology,3031
497256,F,Olivia,Steffanoni,31/07/1998,Faculty of Science Engineering and Technology,3013
151822,M,Ryan,Jennings,28/07/1998,Faculty of Business & Law,3065
                                        Ln 2, Col 66     100%   Windows (CRLF)    UTF-8
```

**Import Text Wizard** ✕

You can specify information about each of the fields you are importing. Select fields in the area below. You can then modify field information in the 'Field Options' area.

Field Options

Field Name: `StudentId`    Data Type: Long Integer ▾

Indexed: Yes (Duplicates OK) ▾    ☐ Do not import field (Skip)

```
StudentId  Gender  GivenName       Surname       DateOfBirth  Faculty
104700948  F       Duong Ha Tien   Le            21/07/2005   Faculty of Computer Science
286069     F       Madeline        Porteus       19/12/1999   Faculty of Business & Law
161176     M       Jayden          Cuthbert      6/12/1999    Faculty of Business & Law
651148     M       George          Southwell     24/11/1999   Faculty of Science Engineering an
238428     M       Alexander       Weingarth     10/11/1999   Faculty of Science Engineering an
395720     F       Isla            Wildman       7/10/1999    Faculty of Business & Law
268338     F       Lilian          Kessell       30/09/1999   Faculty of Health Arts and Design
603019     M       Thomas          Furnell       24/09/1999   Faculty of Business & Law
225802     M       Tyler           Giffen        17/09/1999   Faculty of Business & Law
843509     F       Abbey           Kerrigan      13/09/1999   Faculty of Business & Law
762199     F       Kiara           Ennor         17/08/1999   Faculty of Health Arts and Design
772698     F       Jorja           Savage        4/08/1999    Faculty of Science Engineering an
854578     F       Alannah         Fawkner       21/07/1999   Faculty of Business & Law
670465     M       Toby            Heidenreich   1/07/1999    Faculty of Science Engineering an
684506     M       Charlie         Jackey        27/06/1999   Faculty of Health Arts and Design
828610     M       Hugo            Tom           7/06/1999    Faculty of Science Engineering an
```
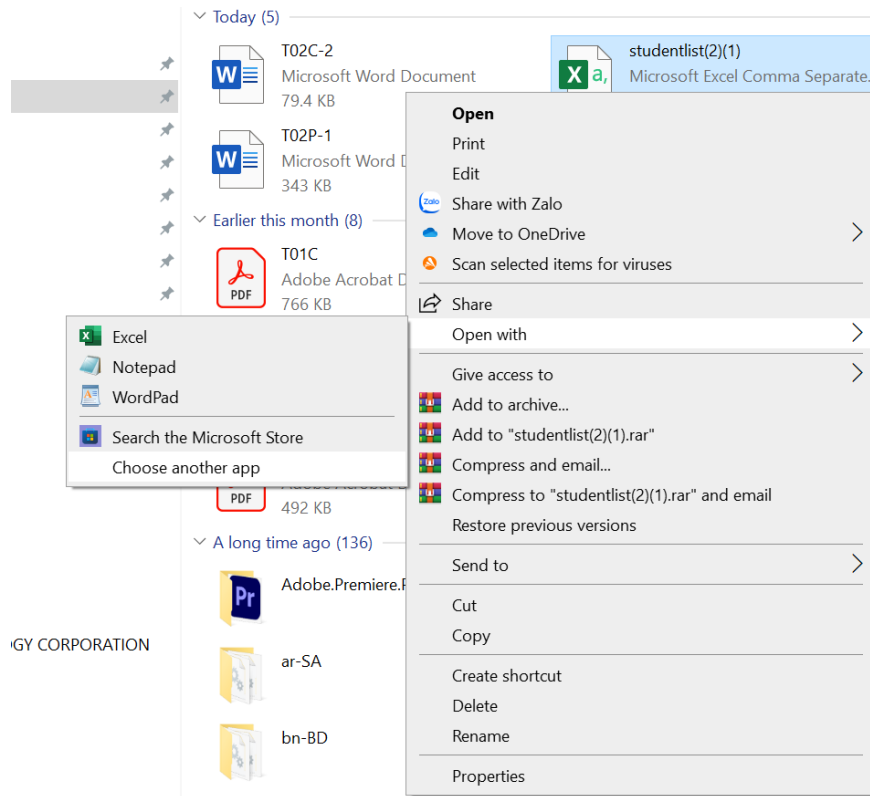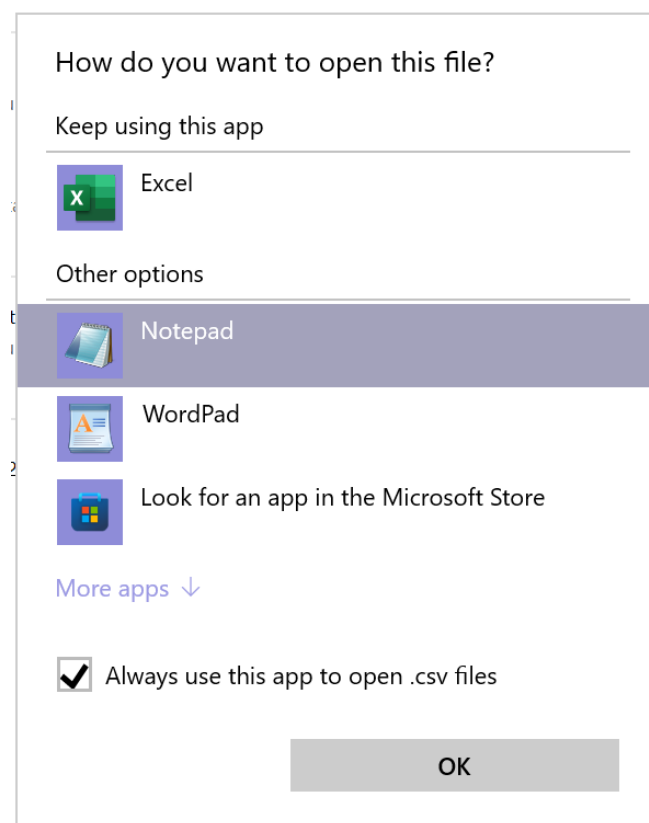
Advanced...    Cancel    < Back    Next >    Finish

**Student0948**

| StudentId | Gender | GivenName | Surname | DateOfBirth | Faculty | HomePostCc | Click to Add |
|---|---|---|---|---|---|---|---|
| 104700948 | F | Duong Ha Tien | Le | 21/07/2005 | Faculty of Comp | 3021 | |
| 993207 | M | Samuel | Kenyon | 09/09/1997 | Faculty of Healt | 3056 | |
| 987914 | M | Sean | Tishler | 25/12/1998 | Faculty of Healt | 3065 | |
| 965653 | F | Brianna | Salomons | 21/02/1997 | Faculty of Busir | 3020 | |
| 960671 | M | Max | Lawless | 11/07/1996 | Faculty of Healt | 3040 | |
| 943722 | M | Lang | Jaw-Long | 20/06/1998 | Faculty of Scien | 3053 | |
| 935171 | M | Max | Permewan | 26/03/1996 | Faculty of Busir | 3064 | |
| 934378 | F | Indiana | McDonagh | 09/01/1999 | Faculty of Healt | 3032 | |
| 924210 | M | Nicholas | Thorn | 28/08/1996 | Faculty of Busir | 3053 | |
| 894264 | M | Dominic | Muskett | 19/01/1998 | Faculty of Healt | 3040 | |
| 884570 | M | George | Yirawala | 24/04/1996 | Faculty of Scien | 3058 | |
| 870470 | F | Dakota | Hassell | 15/09/1996 | Faculty of Scien | 3148 | |

### Pass 2b

1. **Why does double clicking typically cause a csv file (*such as student.csv) to open in Excel rather than Notepad?**

- It is because of the default settings in the operation system (Windows). CSV files are associated with spreadsheet applications like Excel because CSV files are structured as tables, with data separated by commas.

2. **What steps can you take to ensure that when you double click a .csv file it will cause Notepad.Exe to open that file (instead of Excel)?**

- Step 1: Right click on the csv file.
- Step 2: Click on "Open with", then click on "Choose another app".

- Step 3: Choose "Notepad" and click on option "Always use this app to open .csv files".

## Pass 2c

| StudentId | Gender | GivenName | Surname | DateOfBirth | Faculty | HomePostCo |
|---|---|---|---|---|---|---|
| 104700948 | F | Duong Ha Tien | Le | 21/07/2005 | Faculty of Comp | 3021 |
| 993207 | M | Samuel | Kenyon | 09/09/1997 | Faculty of Healt | 3056 |
| 987914 | M | Sean | Tishler | 25/12/1998 | Faculty of Healt | 3065 |
| 965653 | F | Brianna | Salomons | 21/02/1997 | Faculty of Busir | 3020 |
| 960671 | M | Max | Lawless | 11/07/1996 | Faculty of Healt | 3040 |
| 943722 | M | Lang | Jaw-Long | 20/06/1998 | Faculty of Scien | 3053 |
| 935171 | M | Max | Permewan | 26/03/1996 | Faculty of Busir | 3064 |
| 934378 | F | Indiana | McDonagh | 09/01/1999 | Faculty of Healt | 3032 |
| 924210 | M | Nicholas | Thorn | 28/08/1996 | Faculty of Busir | 3053 |
| 894264 | M | Dominic | Muskett | 19/01/1998 | Faculty of Healt | 3040 |

All Acc... <

Search...

**Tables**

STUCOPY0948

Student0948

## Pass 2d

T2PD_Update_0948

Student0948
- GivenName
- Surname
- DateOfBirth
- Faculty
- HomePostCode
- FeesPaid

| Field: | Gender | FeesPaid | |
|---|---|---|---|
| Table: | Student0948 | Student0948 | |
| Update To: | | 4000 | |
| Criteria: | "M" | | |
| or: | | | |

T2PD_Update_0948  Student0948

| StudentId | Gender | GivenName | Surname | DateOfBirth | Faculty | HomePostCo | FeesPaid |
|---|---|---|---|---|---|---|---|
| 104700948 | F | Duong Ha Tien | Le | 21/07/2005 | Faculty of Comp | 3021 | |
| 993207 | M | Samuel | Kenyon | 09/09/1997 | Faculty of Healt | 3056 | $4,000.00 |
| 987914 | M | Sean | Tishler | 25/12/1998 | Faculty of Healt | 3065 | $4,000.00 |
| 965653 | F | Brianna | Salomons | 21/02/1997 | Faculty of Busir | 3020 | |
| 960671 | M | Max | Lawless | 11/07/1996 | Faculty of Healt | 3040 | $4,000.00 |
| 943722 | M | Lang | Jaw-Long | 20/06/1998 | Faculty of Scien | 3053 | $4,000.00 |
| 935171 | M | Max | Permewan | 26/03/1996 | Faculty of Busir | 3064 | $4,000.00 |
| 934378 | F | Indiana | McDonagh | 09/01/1999 | Faculty of Healt | 3032 | |
| 924210 | M | Nicholas | Thorn | 28/08/1996 | Faculty of Busir | 3053 | $4,000.00 |
| 894264 | M | Dominic | Muskett | 19/01/1998 | Faculty of Healt | 3040 | $4,000.00 |

**Pass 2e**

T2PE_Delete_0948

Student0948

*
🔑 StudentId
Gender
GivenName
Surname
DateOfBirth

| Field: | Surname |
| Table: | Student0948 |
| Delete: | Where |
| Criteria: | Like "M*" |
| or: | |

| StudentId | Gender | GivenName | Surname | DateOfBirth | Faculty | HomePostCc | FeesPaid |
|---|---|---|---|---|---|---|---|
| 104700948 | F | Duong Ha Tien | Le | 21/07/2005 | Faculty of Comp | 3021 | |
| 993207 | M | Samuel | Kenyon | 09/09/1997 | Faculty of Healt | 3056 | $4,000.00 |
| 987914 | M | Sean | Tishler | 25/12/1998 | Faculty of Healt | 3065 | $4,000.00 |
| 965653 | F | Brianna | Salomons | 21/02/1997 | Faculty of Busir | 3020 | |
| 960671 | M | Max | Lawless | 11/07/1996 | Faculty of Healt | 3040 | $4,000.00 |
| 943722 | M | Lang | Jaw-Long | 20/06/1998 | Faculty of Scien | 3053 | $4,000.00 |
| 935171 | M | Max | Permewan | 26/03/1996 | Faculty of Busir | 3064 | $4,000.00 |
| 924210 | M | Nicholas | Thorn | 28/08/1996 | Faculty of Busir | 3053 | $4,000.00 |
| 884570 | M | George | Yirawala | 24/04/1996 | Faculty of Scien | 3058 | $4,000.00 |
| 870470 | F | Dakota | Hassell | 15/09/1996 | Faculty of Scien | 3148 | |

**Pass 2f**

T2PF_Param_0948 | Student0948

| StudentId | GivenName | Surname | Gender | HomePostCc |
|---|---|---|---|---|
| 104700948 | Duong Ha Tien | Le | F | 3021 |
| * | | | | |

T2PF_Param_0948 | Student0948

| StudentId | GivenName | Surname | Gender | HomePostCc |
|---|---|---|---|---|
| 204431 | Brayden | Hotham | M | 3032 |
| 262515 | Mary | Jordan | F | 3032 |
| 702931 | Gabrielle | Falk | F | 3032 |
| 831041 | Tyson | Hallstrom | M | 3032 |
| 509222 | Luke | Poulson | M | 3032 |
| * | | | | |

| StudentId ▼ | GivenName ▼ | Surname ▼ | Gender ▼ | HomePostCo ▼ |
|---|---|---|---|---|
| 762199 | Kiara | Ennor | F | 3030 |
| 541027 | Jackson | Vancouver | M | 3030 |
| 490975 | Cody | Sweetapple | M | 3030 |

**T2PF_Param_0948** | Student0948

## Pass 2g



RATING0948
- DESCCRIPTION
- RATINGCODE
- RATINGNAME

MOVIE0948
- COLOURCODE
- IMDB_ID
- MOVIENO
- RATINGCODE
- Σ RELYEAR
- Σ RUNTIME
- TITLE
- Σ TMDB_SCORE
- Σ TMDB_VOTES

ACTOR0948
- ActorNo
- BirthCountry
- Birthdate
- FullName
- Gender
- GivenName
- Σ NoOfCats
- Σ NoOfDogs
- Password

CASTING0948
- ActorNo
- Σ Castid
- MovieNo

COLOURTYPE0948
- COLOUR_NAME
- COLOURCODE
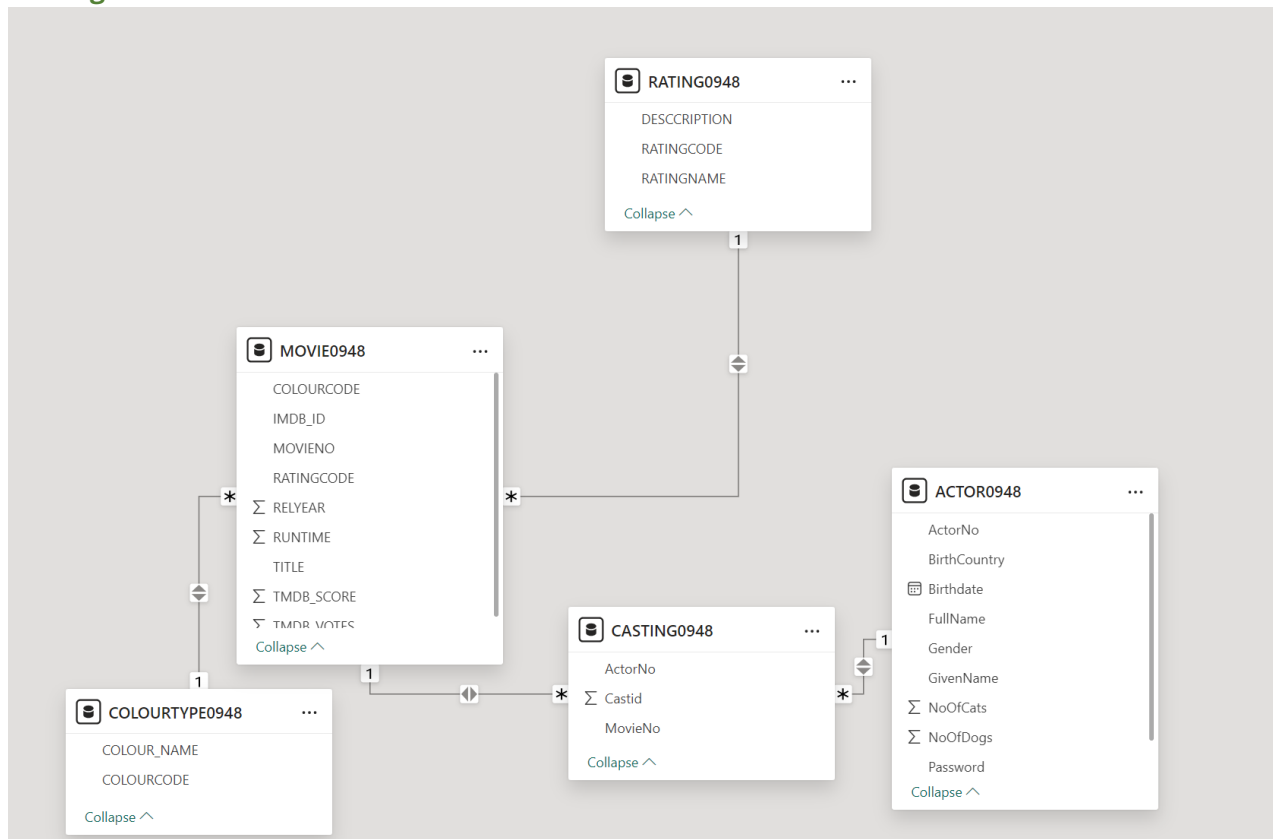
## Pass 2h

### 104700948 - Good Movies

| TITLE | RELYEAR ▲ | RUNTIME | RATINGCODE |
|---|---|---|---|
| The Fog | 1980 | 89 | MA |
| Toy Story | 1995 | 81 | G |
| Stuart Little | 1999 | 84 | PG |
| Serendipity | 2001 | 90 | PG |
| Zoolander | 2001 | 89 | M |
| Johnny English | 2003 | 88 | PG |
| Confessions of a Teenage Drama Queen | 2004 | 89 | PG |
| Fun with Dick and Jane | 2005 | 90 | PG |
| Kung Fu Panda | 2008 | 90 | PG |
| Zombieland | 2009 | 88 | M |

## Filters

Search

Filters on this visual ...

RATINGCODE
is (All)

RELYEAR
is (All)

**RUNTIME**
is less than or equal t...

Filter type ⓘ

Advanced filtering ⌄

Show items when the value

is less than or equal to ⌄

90

● And ○ Or

⌄

Apply filter

TITLE
is (All)

Add data fields here

Filters on this page ...

Add data fields here

Filters on all pages ...

## Visualizations

**Build visual**

Columns

| TITLE | ⌄ ✕ |
| RELYEAR | ⌄ ✕ |
| RUNTIME | ⌄ ✕ |
| RATINGCODE | ⌄ ✕ |

Drill through

Cross-report      ● Off

Keep all filters   On ●

Add drill-through fields here

## Data

Search

> ⊞ ACTOR0948
> ⊞ CASTING0948
> ⊞ COLOURTYPE0948
⌄ ⊞ MOVIE0948
  ☐ COLOURCODE
  ☐ IMDB_ID
  ☐ MOVIENO
  ☑ RATINGCODE
  ☑ Σ RELYEAR
  ☑ Σ RUNTIME
  ☑ TITLE
  ☐ Σ TMDB_SCORE
  ☐ Σ TMDB_VOTES
> ⊞ RATING0948

**Pass 2i**

## 104700948 – Count of MOVIENO by RATINGCODE

**Pass 2j**

# 104700948 - Gender casting by Title

| TITLE | F | M | Total |
|---|---|---|---|
| 50 First Dates | 2 | 7 | 9 |
| A Few Good Men | | 6 | 6 |
| A League of Their Own | 3 | 3 | 6 |
| A Star Is Born | | 2 | 2 |
| About a Boy | 3 | 2 | 5 |
| Ad Astra | | 3 | 3 |
| Adventureland | 2 | 3 | 5 |
| Alexander and the Terrible, Horrible, No Good, Very Bad Day | 3 | 4 | 7 |
| American Hustle | 2 | 5 | 7 |
| American Sniper | 1 | 5 | 6 |
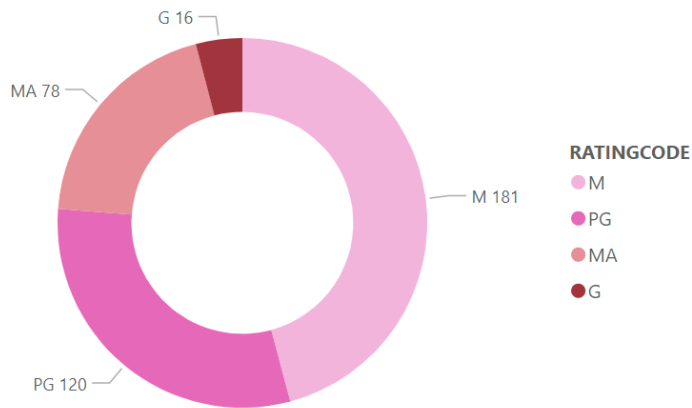
## Filters

Search

Filters on this visual ...

Count of ActorNo
is (All)

Gender
is (All)

TITLE
is (All)

Add data fields here

Filters on this page ...

Add data fields here

Filters on all pages ...

Add data fields here

## Visualizations

Build visual

Rows

TITLE

Columns

Gender

Values

Count of ActorNo

Drill through

Cross-report  Off

Keep all filters  On

Add drill-through fields here

## Data

Search

∨ ⊞ ACTOR0948
- ☑ ActorNo
- ☐ BirthCountry
- > ☐ ⊞ Birthdate
- ☐ FullName
- ☑ Gender
- ☐ GivenName
- ☐ Σ NoOfCats
- ☐ Σ NoOfDogs
- ☐ Password
- ☐ Surname

∨ ⊞ CASTING0948
- ☐ ActorNo
- ☐ Σ Castid
- ☐ MovieNo

> ⊞ COLOURTYPE0948

∨ ⊞ MOVIE0948
- ☐ COLOURCODE
- ☐ IMDB_ID
- ☐ MOVIENO
- ☐ RATINGCODE
- ☐ Σ RELYEAR
- ☐ Σ RUNTIME
- ☑ TITLE
- ☐ Σ TMDB_SCORE
- ☐ Σ TMDB_VOTES

> ⊞ RATING0948

9

**Pass 2k**

# 104700948 - Count of ActorNo by BirthCountry

## Pass 2l

### 104700948 - Count of ActorNo by BirthCountry



| | |
|---|---|
| **Filters** | |

**Filters on this visual**

BirthCountry
is (All)

**Count of ActorNo**
is greater than or equ...

Show items when the value

is greater than or equal to

4

● And ○ Or

Apply filter

Add data fields here

**Filters on this page**

Add data fields here

**Filters on all pages**

Add data fields here

**Visualizations**

Build visual

**X-axis**

BirthCountry

**Y-axis**

Count of ActorNo

**Legend**

Add data fields here

**Small multiples**

Add data fields here

**Tooltips**

Add data fields here

**Drill through**

Cross-report        Off

Keep all filters    On

**Data**

Search

∨ ⊞ ACTOR0948
  ☑ ActorNo
  ☑ BirthCountry
  ⟩ ☐ ⊞ Birthdate
  ☐ FullName
  ☐ Gender
  ☐ GivenName
  ☐ Σ NoOfCats
  ☐ Σ NoOfDogs
  ☐ Password
  ☐ Surname

∨ ⊞ CASTING0948
  ☐ ActorNo
  ☐ Σ Castid
  ☐ MovieNo

⟩ ⊞ COLOURTYPE0948

∨ ⊞ MOVIE0948
  ☐ COLOURCODE
  ☐ IMDB_ID
  ☐ MOVIENO
  ☐ RATINGCODE
  ☐ Σ RELYEAR
  ☐ Σ RUNTIME
  ☐ TITLE
  ☐ Σ TMDB_SCORE
  ☐ Σ TMDB_VOTES

⟩ ⊞ RATING0948

**Pass 2m**

**girls0948**

| Field Name | Data Type | |
|---|---|---|
| GirlsID | AutoNumber | |
| GirlsName | Short Text | |
| GirlsBede | Yes/No | |
| GirlsAge | Number | |
| GirlsGroup | Short Text | |

General  Lookup

| Field Size | 255 |
|---|---|
| Format | |
| Input Mask | |
| Caption | |
| Default Value | |
| Validation Rule | |
| Validation Text | |
| Required | No |
| Allow Zero Length | Yes |
| Indexed | No |
| Unicode Compression | Yes |

**girls0948**

| GirlsID | GirlsName | GirlsBede | GirlsAge | GirlsGroup |
|---|---|---|---|---|
| 1 | Rosé | ✓ | 27 | Blackpink |
| 2 | Ahyeon | | 17 | Babymonster |
| 3 | Tzuyu | ✓ | 25 | Twice |
| 4 | Minji | ✓ | 20 | NewJeans |
| 5 | Minnie | | 26 | (G)I-DLE |
| 6 | Solji | | 35 | EXID |
| 7 | Chaewon | | 24 | Le Sserafim |
| 8 | Seulgi | ✓ | 30 | Red Velvet |
| 9 | Winter | ✓ | 23 | Aespa |
| 10 | Ryujin | ✓ | 23 | ITZY |

| girls0948 | girlsAge0948 |
| --- | --- |

girls0948

\*
GirlsID
GirlsName
GirlsBede
GirlsAge
GirlsGroup

| Field: | GirlsID | GirlsName | GirlsBede | GirlsAge | GirlsGroup |
| --- | --- | --- | --- | --- | --- |
| Table: | girls0948 | girls0948 | girls0948 | girls0948 | girls0948 |
| Sort: | | | | | |
| Show: | ☑ | ☑ | ☑ | ☑ | ☑ |
| Criteria: | | | | >[age] | |
| or: | | | | | |

| girls0948 | girlsAge0948 |
| --- | --- |

girls0948

\*
GirlsID
GirlsName
GirlsBede
GirlsAge
GirlsGroup

Enter Parameter V... ? ✕

age

24

OK     Cancel

| Field: | GirlsID | GirlsName | GirlsBede | GirlsAge | GirlsGroup | |
| --- | --- | --- | --- | --- | --- | --- |
| Table: | girls0948 | girls0948 | girls0948 | girls0948 | girls0948 | |
| Sort: | | | | | | |
| Show: | ☑ | ☑ | ☑ | ☑ | ☑ | ☐ |
| Criteria: | | | | >[age] | | |
| or: | | | | | | |

| girls0948 | girlsAge0948 |
| --- | --- |

| GirlsID | GirlsName | GirlsBede | GirlsAge | GirlsGroup |
| --- | --- | --- | --- | --- |
| 1 | Rosé | ☑ | 27 | Blackpink |
| 3 | Tzuyu | ☑ | 25 | Twice |
| 5 | Minnie | ☐ | 26 | (G)I-DLE |
| 6 | Solji | ☐ | 35 | EXID |
| 8 | Seulgi | ☑ | 30 | Red Velvet |