

# INF10002 Database Analysis and Design

## Task 2 – Credit submission

Student Number: Luong Trac Duc Anh

Student Name: 103488117

### Step 1

Customer Id	Gender	Given Name	Family Name	DOB	Street	Suburb	Postcode	Type	Date of Last
1234	M	Ryan	Souter	5/16/1992	15 Byford St	Richmond	3121	B	7/27/2016
1235	M	Mitchell	Hamilton	7/9/1992	18 Jacolite Ave	Mill Park	3082	C	12/22/2015
1236	M	Archie	Alice	2/26/1996	4 Hare St	Fitzroy	3065	B	6/6/2016
1237	F	Gabrielle	Ten	7/20/1970	6 Burnham Drive	Cranbourne	3977	B	9/9/2015
1238	F	Zara	Hope	7/11/1981	26 Bixteth Blvd	Essendon	3040	B	7/22/2016
1239	M	Julian	Jasprizza	11/22/1979	51 Farrar Avenue	Craigieburn	3064	C	7/31/2016
1240	M	Zac	Wentcher	6/4/1980	99 Talbot Way	Hoppers Crossir	3029	C	7/22/2016
1241	F	Madeleine	Balcombe	11/8/1995	16 Berrington R	Coburg North	3058	B	8/3/2016
1242	M	Brock	Schomburgk	9/23/1983	84 Medlock Road	Richmond	3121	C	8/11/2016
1243	F	Claire	Lennox	1/23/1968	35 Ellison Road	Fitzroy	3065	B	8/10/2016
1244	F	Taylah	Trouette	11/16/1995	93 Hodson Clos	Reservoir	3073	B	7/24/2016
1245	M	Julian	Rumble	8/30/1986	6 Noalimba Bou	Ascot Vale	3032	A	8/5/2016
1246	F	Indiana	Peppin	10/20/1987	67 Ipswich St	Mentone	3192	C	7/10/2015
1247	M	Lachlan	Duras	9/25/1980	35 Bungana Cre	Essendon	3040	B	10/23/2015
1248	M	Oscar	Kelley	11/15/1988	70 Crofts Ave	Kensington	3031	A	11/18/2015
1249	F	Isabella	Goold	6/2/1987	28 Pluto St	Glenroy	3046	C	8/1/2016
1250	M	Ashton	Whitfield	3/15/1988	74 Aikman Rd	Fitzroy	3065	C	7/30/2015

CustType	Description	Click to Add
A	High Value	
B	Neutral	
C	Low Value	
*		

## Step 2

CUST8117

Customer Id

Gender

Given Name

Family Name

DOB

CUST8117

CUST\_TYPE8117

T2CB\_8117

Field:	Customer Id	Given Name	Family Name	Date of Last Purchase	Days since last purchase: DateDiff('d',[Date of Last Purchase],Now())
Table:	CUST8117	CUST8117	CUST8117	CUST8117	
Sort:					
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:					
or:					

Customer Id	Given Name	Family Name	Date of Last	Days since la:
1234	Ryan	Souter	7/27/2016	2032
1235	Mitchell	Hamilton	12/22/2015	2250
1236	Archie	Alice	6/6/2016	2083
1237	Gabrielle	Ten	9/9/2015	2354
1238	Zara	Hope	7/22/2016	2037
1239	Julian	Jasprizza	7/31/2016	2028
1240	Zac	Wentcher	7/22/2016	2037
1241	Madeleine	Balcombe	8/3/2016	2025
1242	Brock	Schomburgk	8/11/2016	2017
1243	Claire	Lennox	8/10/2016	2018

## Step 3

T2CB\_8117

T2CC\_8117

T2CB\_8117

\*

Customer Id

Given Name

Family Name

Date of Last Purchase

Days since last purchase

Field:

Table:

Sort:

Show:

Criteria:

or:

Customer Id

Given Name

Family Name

Date of Last Purchase

Days since last purchase

T2CB\_8117

T2CB\_8117

T2CB\_8117

T2CB\_8117

T2CB\_8117

☒

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☒

☒

☒

<=[Enter number of days:]

Enter Parameter Va... ? X

Enter number of days:

2011

OK Cancel

T2CB\_8117

T2CC\_8117

Customer Id

Given Name

Family Name

Date of Last

Days since la

1575

Aidan

Merion

8/18/2016

2010

1512

Cameron

Hook

8/17/2016

2011

1321

Brodie

Boehm

8/17/2016

2011

1270

Yin

Rou

8/18/2016

2010

1411

Archer

Bloodsworth

8/17/2016

2011

1493

Sienna

Salier

8/17/2016

2011

1542

Amelia

Seppelt

8/17/2016

2011

1562

Keira

Helmores

8/17/2016

2011

1292

Flynn

Rooke

8/18/2016

2010

1430

Molly

Buttrose

8/18/2016

2010

1491

Bianca

McCarthy

8/18/2016

2010

1334

Ryan

McEwan

8/18/2016

2010

1524

Keira

Tardent

8/17/2016

2011

\*

## Step 4

T2CD\_8117

CUST\_TYPE8117

CustType

Description

CUST8117

Customer Id

Gender

Given Name

Family Name

DOB

Street

Suburb

Postcode

Type

Date of Last Purchase

Field:	Suburb	Description	Customer Id
Table:	CUST8117	CUST_TYPE8117	CUST8117
Total:	Group By	Group By	Count
Sort:	Ascending	Descending	Descending
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:			
or:			

T2CD\_8117

Suburb	Description	CountOfCust
Hawthorn	Neutral	13
Hawthorn	Low Value	10
Fitzroy	Neutral	8
Keilor Downs	Low Value	8
Moonee Ponds	Neutral	8
Reservoir	Neutral	7
Fitzroy	High Value	7
Fitzroy	Low Value	7
Northcote	Neutral	7
Scoresby	Low Value	7
Glenroy	Low Value	7
Kensington	Neutral	7
Epping	High Value	6

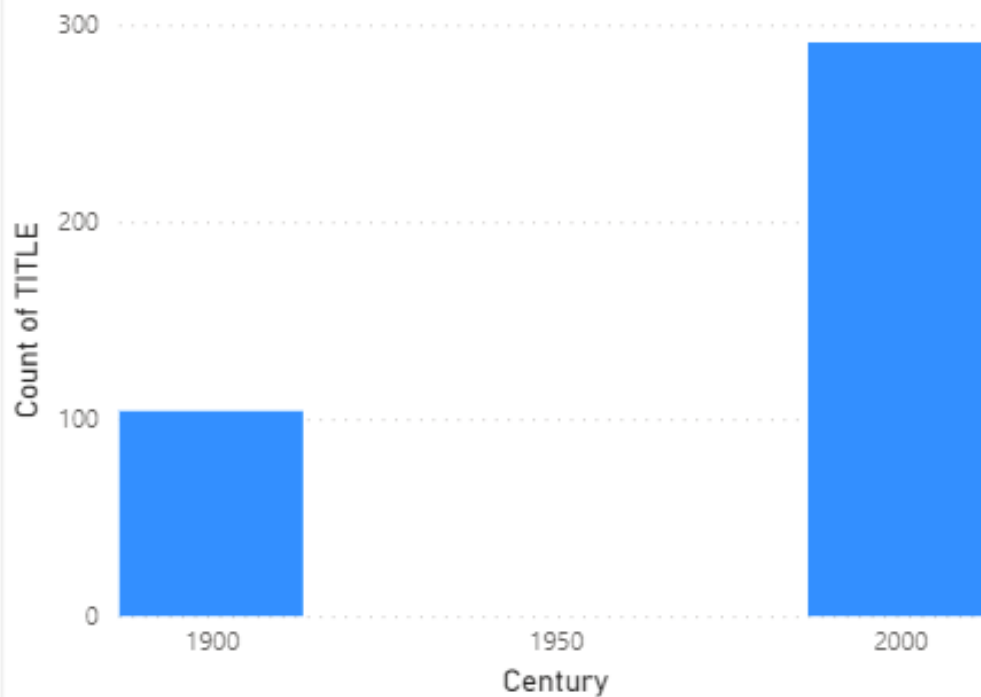
T2CD\_8117.txt - Notepad

File Edit Format View Help

'Suburb'	'Description'	'Total Customers'
'Ascot Vale'	'Neutral'	2
'Ascot Vale'	'Low Value'	2
'Ascot Vale'	'High Value'	5
'Brooklyn'	'Neutral'	4
'Brooklyn'	'Low Value'	3
'Brunswick'	'Neutral'	5
'Brunswick'	'Low Value'	5
'Brunswick'	'High Value'	3
'Bundoora'	'Neutral'	2
'Bundoora'	'Low Value'	1

## Step 6

ID: 103488117 Number of movies by century



1 Century = FLOOR([RELYEAR],100)

Axis

Century

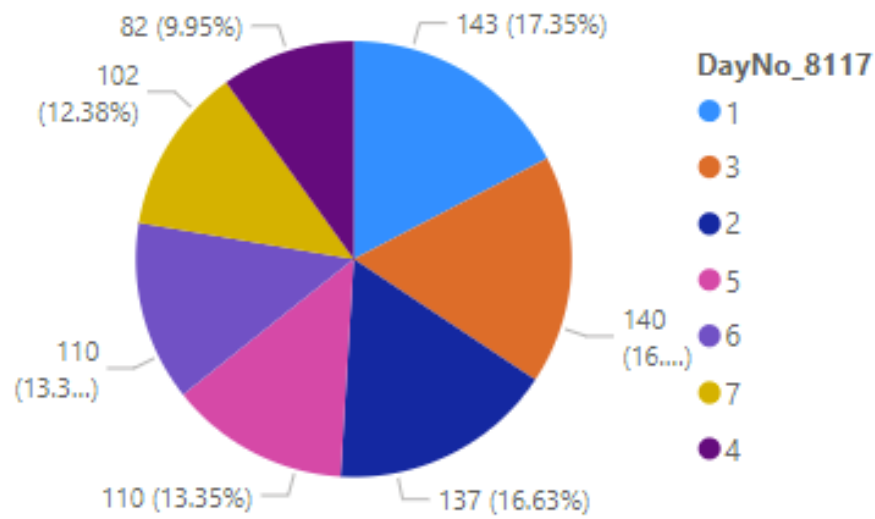
Legend

Add data fields here

Values

Count of TITLE

Count of ActorNo by DayNo\_8117



```
1 DayNo_8117 = WEEKDAY((DAY([Birthdate])))
```

Legend

DayNo\_8117

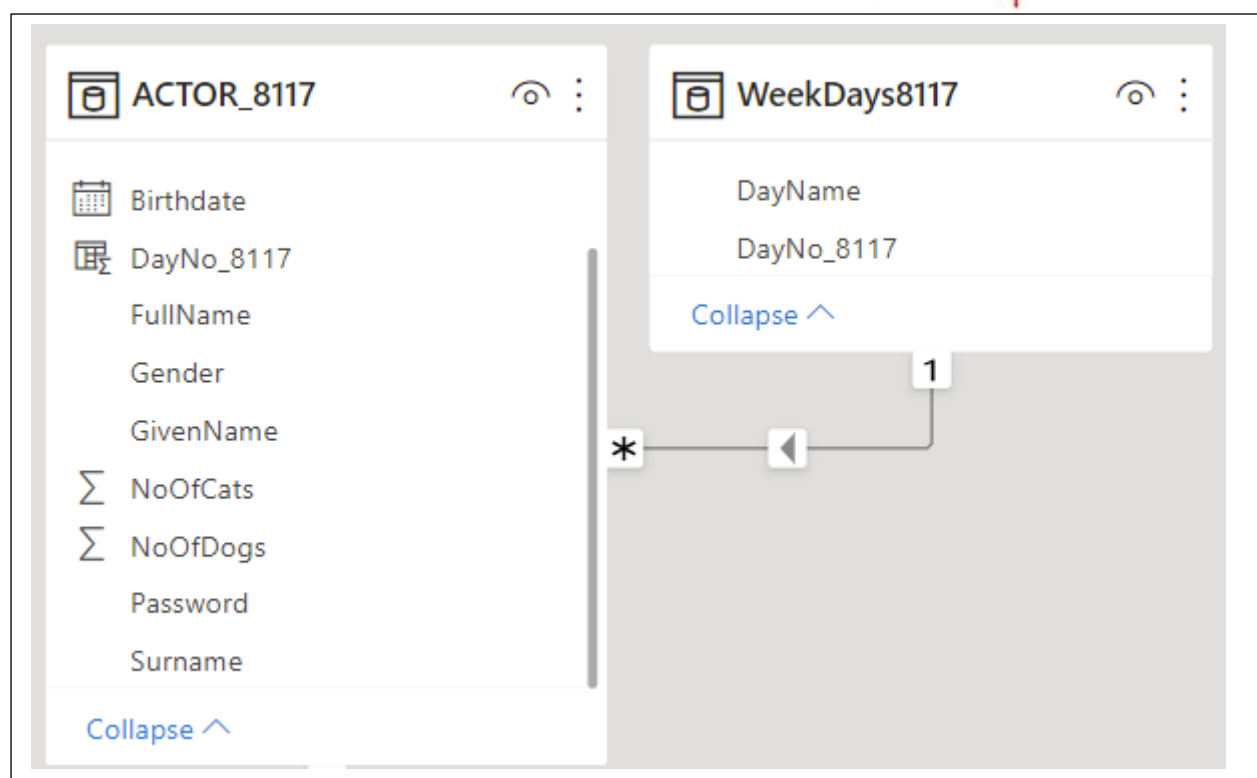
Details

Add data fields here

Values

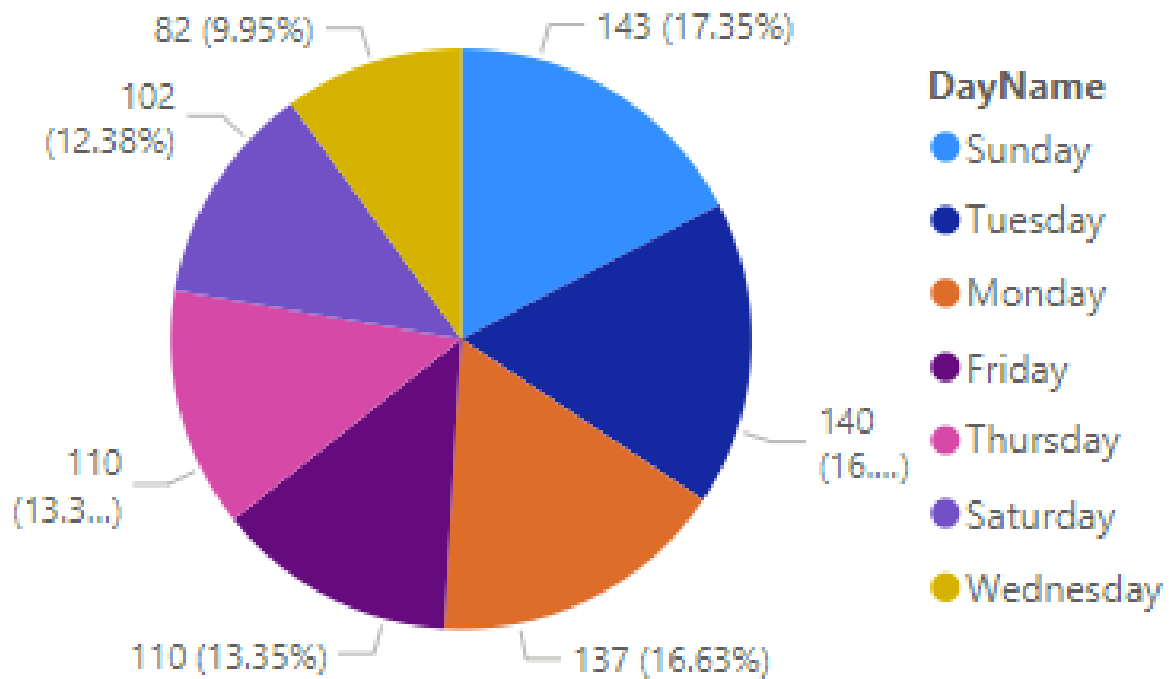
Count of ActorNo

## Step 8





## ID: 103488117 Count of ActorNo by DayName



Legend

DayName

Details

Add data fields here

Values

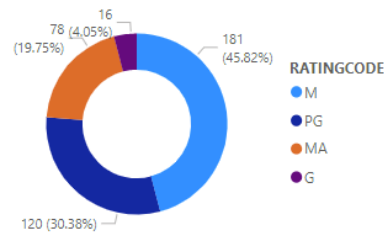
Count of ActorNo

## Step 10

### ID: 103488117 List of all Movies Score >=7.5

TITLE	RELYEAR	TMDB_SCORE
Avengers: Endgame	2019	8.50
Avengers: Infinity War	2018	8.30
Batman Begins	2005	7.60
Black Swan	2010	7.50
Blade Runner	1982	7.90
Blues Brothers	1980	7.90
Bonnie and Clyde	1967	7.60
Boogie Nights	1997	7.60
Boyhood	2014	7.50
<b>Total</b>	<b>227895</b>	<b>881.70</b>

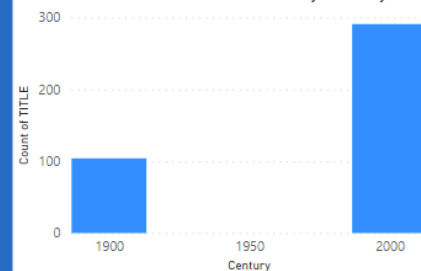
### ID: 103488117 Count of MOVIE by RATINGCODE



### ID: 103488117 The count of actors by birth country



### ID: 103488117 Number of movies by century



ID: 103488117

Name: Luong Trac Duc Anh

Report Description: The report retrieves data from the Movie database. 4 of the chosen visuals for this task include: list of movies with score >=7.5, count of actors by birth country, count of movies by rating code, and number of movies by century. The data is represented by a table, a map, a donut chart and a clustered column chart respectively.

#### TITLE

- ☐ 50 First Dates
- ☐ A Few Good Men
- ☐ A League of Their Own
- ☐ A Star Is Born
- ☐ About a Boy
- ☐ Ad Astra
- ☐ Adventureland
- ☐ Alexander and the Terrible, Horrible...
- ☐ Alice Through the Looking Glass
- ☐ American Hustle
- ☐ American Sniper
- ☐ Anchoress: The Legend of Ben Bur

