



# Database Analysis & Design

## INF10002

### Task 2 – Credit Submission

Student Number: 104071453

Student Name: Marco Giacoppo

#### Credit 2a

CUST1453									
Customer Id	Gender	Given Name	Family Name	DOB	Street	Suburb	Postcode	Type	Date of Last
1234	M	Ryan	Souter	16/05/1992	15 Byford St	Richmond	3121	B	27/07/2019
1235	M	Mitchell	Hamilton	09/07/1992	18 Jacolite Avenue	Mill Park	3082	C	21/12/2018
1236	M	Archie	Alice	26/02/1996	4 Hare St	Fitzroy	3065	B	06/06/2019
1237	F	Gabrielle	Ten	20/07/1970	6 Burnham Drive	Cranbourne	3977	B	08/09/2018
1238	F	Zara	Hope	11/07/1981	26 Bixteth Blvd	Essendon	3040	B	22/07/2019
1239	M	Julian	Jasprizza	22/11/1979	51 Farrar Avenue	Craigieburn	3064	C	31/07/2019
1240	M	Zac	Wentcher	04/06/1980	99 Talbot Way	Hoppers Crossing	3029	C	22/07/2019
1241	F	Madeleine	Balcombe	08/11/1995	16 Berrington Road	Coburg North	3058	B	03/08/2019
1242	M	Brock	Schomburgk	23/09/1983	84 Medlock Road	Richmond	3121	C	11/08/2019

CUST1453				CUST_TYPE1453			
	CustType	Description	Click to Add				
+	A	Pick-Up					
+	B	Australia Post					
+	C	Courier					
*							

## Credit 2b

CUST1453 CUST_TYPE1453 T2CB_1453					
<div>CUST1453</div> <div>           *            Customer Id            Gender            Given Name            Family Name            DOB            Street            Suburb            Postcode            Type            Date of Last Purchase         </div>					
Field:	Customer Id	Given Name	Family Name	DOB	Age: DateDiff("yyyy",[DOB],Now())-If(Format(Now(),"mddd")<Format([DOB],"mddd"),1,0)
Table:	CUST1453	CUST1453	CUST1453	CUST1453	
Sort:					
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:					
or:					

CUST1453 CUST_TYPE1453 T2CB_1453					
Customer Id	Given Name	Family Name	DOB	Age	
1234	Ryan	Souter	16/05/1992	31	
1235	Mitchell	Hamilton	09/07/1992	31	
1236	Archie	Alice	26/02/1996	28	
1237	Gabrielle	Ten	20/07/1970	53	
1238	Zara	Hope	11/07/1981	42	
1239	Julian	Jasprizza	22/11/1979	44	
1240	Zac	Wentcher	04/06/1980	43	
1241	Madeleine	Balcombe	08/11/1995	28	
1242	Brock	Schomburgk	23/09/1983	40	
1243	Claire	Lennox	23/01/1968	56	



CUST1453
CUST\_TYPE1453
T2CB\_1453
T2CC\_1453

T2CB\_1453

\*  
Customer Id  
Given Name  
Family Name  
DOB  
Age

Field:	Customer Id	Given Name	Family Name	DOB	Age	
Table:	T2CB_1453	T2CB_1453	T2CB_1453	T2CB_1453	T2CB_1453	
Sort:						
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Criteria:					<=[Enter Age:]	
or:						

Query Type      Query Setup

T2CB\_1453

\*  
Customer Id  
Given Name  
Family Name  
DOB  
Age

Enter Parameter Value    ?    X  
Enter Age:

Field:	Customer Id	Given Name	Family Name	DOB	Age	
Table:	T2CB_1453	T2CB_1453	T2CB_1453	T2CB_1453	T2CB_1453	
Sort:						
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Criteria:					<=[Enter Age:]	
or:						

CUST1453					
CUST_TYPE1453					
T2CB_1453					
T2CC_1453					
Customer Id	Given Name	Family Name	DOB	Age	
1526	Amelia	Tipper	29/12/1999	24	
1532	Lara	Dowie	27/05/1999	24	
1312	Mikayla	Vaux	22/08/1999	24	
1377	Lara	Huxham	27/07/1999	24	
1302	Max	Birtwistle	23/10/1999	24	
1534	Alyssa	Monnier	31/03/1999	24	
1560	Vrishni	Mishra	03/07/1999	24	
1340	Cooper	Mulquin	29/03/1999	24	
1324	Joel	O'Driscoll	29/04/1999	24	
1304	Luca	Wicken	11/06/1999	24	
1392	Lilian	Todd	03/11/1999	24	
1405	Tyson	Wallace	14/10/1999	24	
1264	Natalie	Lower	28/05/1999	24	
1334	Ryan	McEwan	29/06/1999	24	
*					

## Credit 2d

Navigation tabs: CUST1453, CUST\_TYPE1453, T2CB\_1453, T2CC\_1453, T2CD\_1453

CUST\_TYPE1453

\*

CustType

Description

CUST1453

\*

Customer Id

Gender

Given Name

Family Name

DOB

Street

Suburb

Postcode

Type

Date of Last Purchase

1 — 8

Field:	Suburb	CustType	Description	CustomerCount: Count(*)
Table:	CUST1453	CUST_TYPE1453	CUST_TYPE1453	
Total:	Group By	Group By	Group By	Expression
Sort:	Ascending	Ascending	Ascending	Descending <span style="float: right;">v</span>
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <span style="float: right;"><input type="checkbox"/></span>
Criteria:				
or:				

Navigation tabs: CUST1453, CUST\_TYPE1453, T2CB\_1453, T2CC\_1453, T2CD\_1453

Suburb	CustType	Description	CustomerCount
Ascot Vale	A	Pick-Up	5
Ascot Vale	B	Australia Post	2
Ascot Vale	C	Courier	2
Brooklyn	B	Australia Post	4
Brooklyn	C	Courier	3
Brunswick	A	Pick-Up	3
Brunswick	B	Australia Post	5
Brunswick	C	Courier	5
Bundoora	A	Pick-Up	1
Bundoora	B	Australia Post	2
Bundoora	C	Courier	1
Carlton	A	Pick-Up	2

## Credit 2e

Export Text Wizard



What delimiter separates your fields? Select the appropriate delimiter and see how your text is affected in the preview below.

Choose the delimiter that separates your fields:

☐ Tab
 ☒ Semicolon
 ☐ Comma
 ☐ Space
 ☐ Other:

☒ Include Field Names on First Row

Text Qualifier:

```
'Suburb';'CustType';'Description';'CustomerCount'
'Ascot Vale';'A';'Pick-Up';5
'Ascot Vale';'B';'Australia Post';2
'Ascot Vale';'C';'Courier';2
'Brooklyn';'B';'Australia Post';4
'Brooklyn';'C';'Courier';3
'Brunswick';'A';'Pick-Up';3
'Brunswick';'B';'Australia Post';5
'Brunswick';'C';'Courier';5
'Bundoora';'A';'Pick-Up';1
'Bundoora';'B';'Australia Post';2
'Bundoora';'C';'Courier';1
'Carlton';'A';'Pick-Up';2
'Carlton';'B';'Australia Post';2
```

Advanced...

Cancel

< Back

Next >

Finish



T2CD\_1453

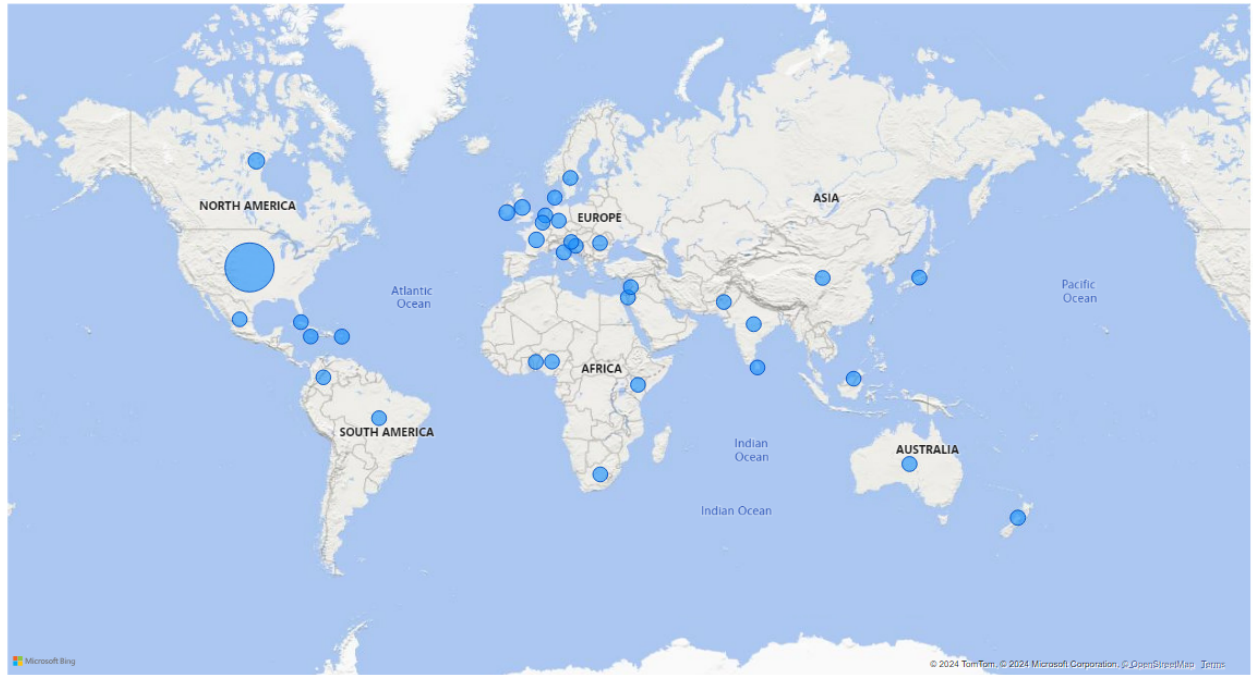


File Edit View

```
'Suburb';'CustType';'Description';'CustomerCount'
'Ascot Vale';'A';'Pick-Up';5
'Ascot Vale';'B';'Australia Post';2
'Ascot Vale';'C';'Courier';2
'Brooklyn';'B';'Australia Post';4
'Brooklyn';'C';'Courier';3
'Brunswick';'A';'Pick-Up';3
'Brunswick';'B';'Australia Post';5
'Brunswick';'C';'Courier';5
'Bundoora';'A';'Pick-Up';1
'Bundoora';'B';'Australia Post';2
```

## Credit 2f

104071453 TotalPets by BirthCountry

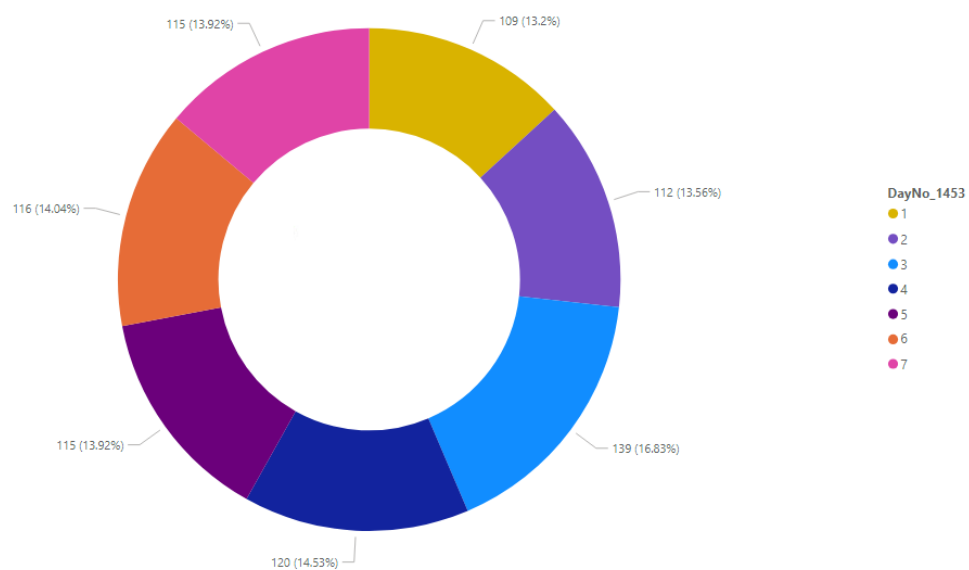


Structure	Formatting
<pre>1 TotalPets = [NoOfDogs] + [NoOfCats]</pre>	
<div>▼</div>	<div>▼</div>
FullName	GivenName
Surname	Gender

## Credit 2g

```
1 DayNo_1453 = WEEKDAY(ACTOR[Birthdate])
```

104071453 Total of Actors by Birth-day of the week





## Credit 2h

✕

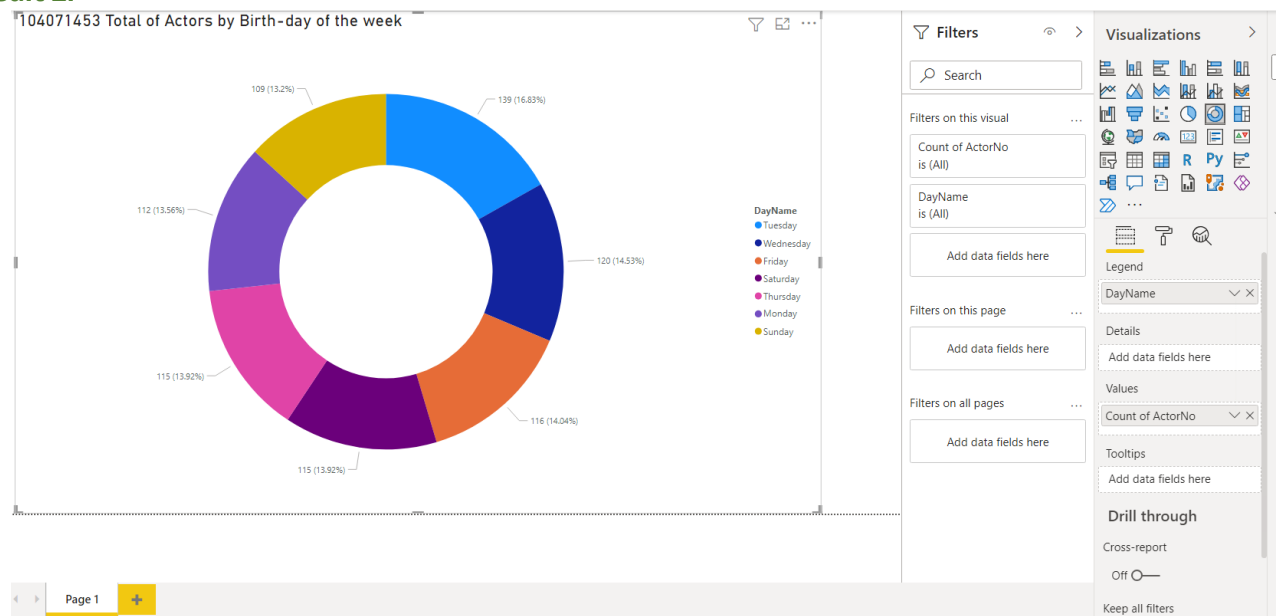
## Manage relationships

Active	From: Table (Column)	To: Table (Column)
<input checked="" type="checkbox"/>	ACTOR (DayNo_1453)	WeekDays1453 (DayNo_1453)
<input checked="" type="checkbox"/>	CASTING (ActorNo)	ACTOR (ActorNo)
<input checked="" type="checkbox"/>	CASTING (MovieNo)	MOVIE (MOVIEENO)
<input checked="" type="checkbox"/>	MOVIE (COLOURCODE)	COLOURTYPE (COLOURCODE)
<input checked="" type="checkbox"/>	MOVIE (RATINGCODE)	RATING (RATINGCODE)

New...
Autodetect...
Edit...
Delete

Close

## Credit 2i



## Credit 2j

