

DAD Distinction Task – Template

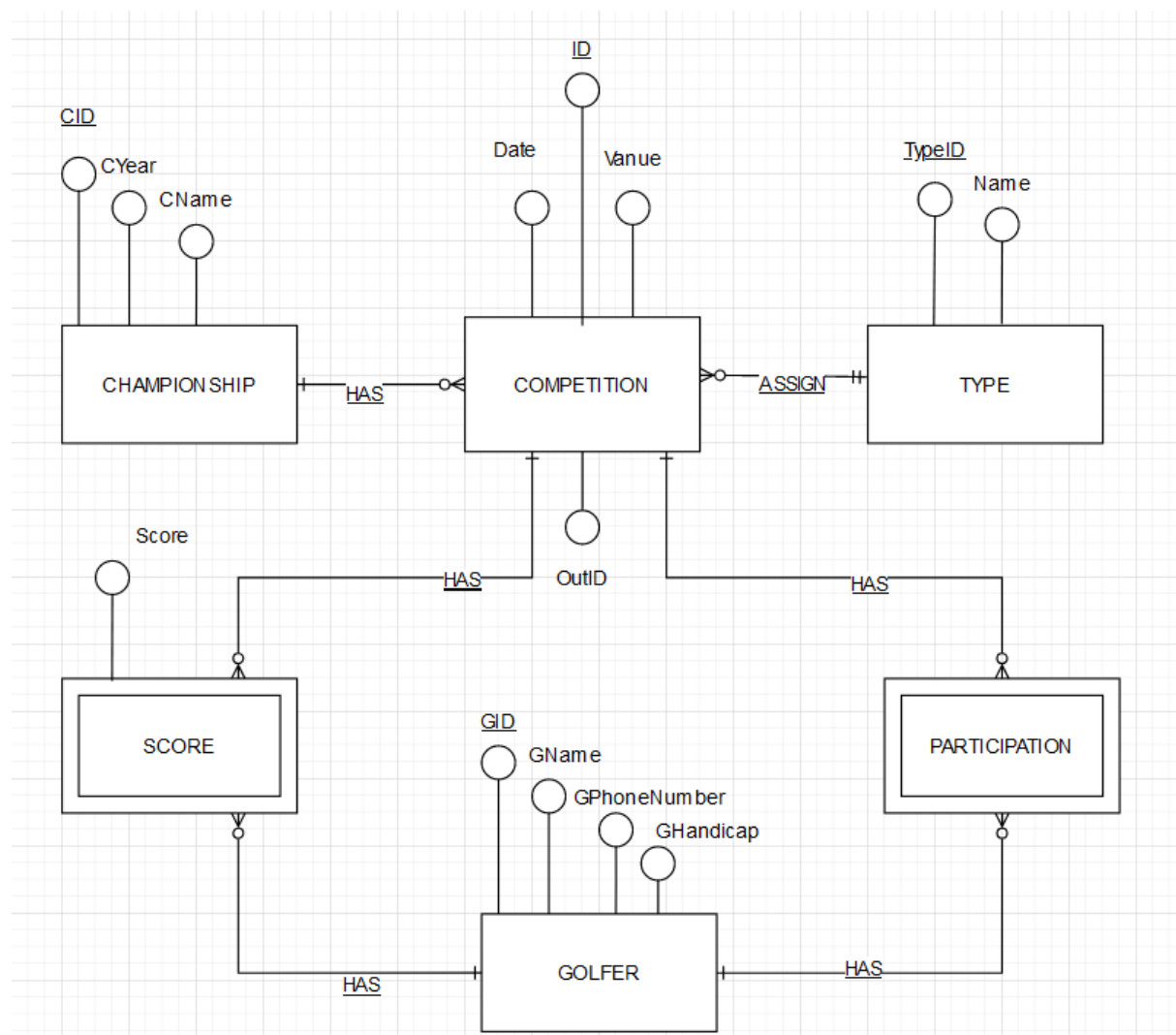
Student ID 103542974

Name: Hai Hoang Le

Part 1 ERDs and Schemas

Narrative 1 ERD

Paste your ERD here



Narrative 1 Schema

Paste your Schema here

CHAMPIONSHIP (CID, CYear, CName)

PK (CID)

TYPE (TypeID, Name)

PK (TypeID)

COMPETITION (ID, Date, Vanue, OutID, CID, TypeID)

PK (ID, CID, TypeID)

FK1 CID references CHAMPIONSHIP (CID)

FK2 TypeID references TYPE(TypeID)

GOLFER (GID, GName, GPhoneNumber, GHandicap)

PK (GID)

PARTICIPATION (ID, GID)

PK(ID, GID)

FK1 ID references COMPETITION (ID)

FK2 GID references GOLFER(GID)

SCORE(ID, GID, Score)

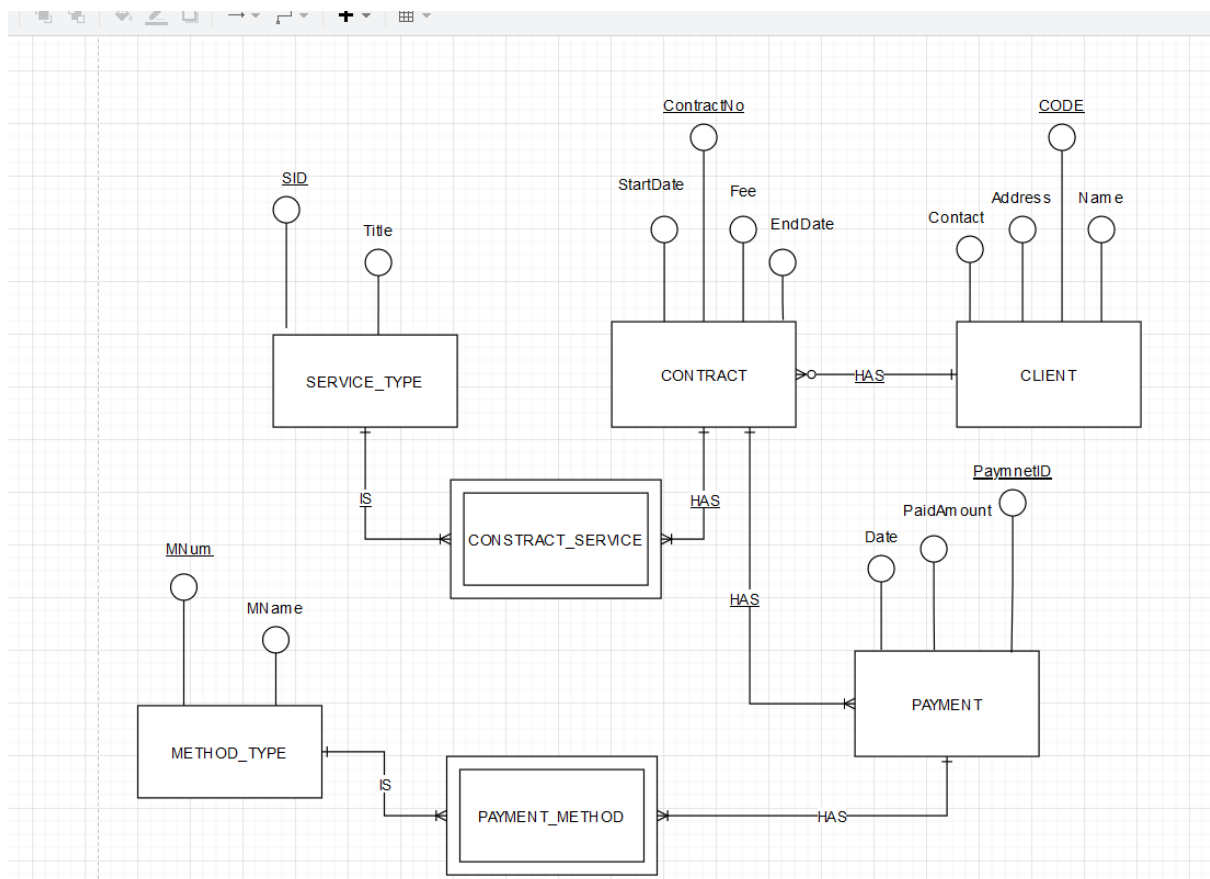
PK(ID, GID)

FK1 ID references COMPETITION (ID)

FK2 GID references GOLFER(GID)

Narrative 2 ERD

Paste your ERD here



Narrative 2 Schema

Paste your Schema here

SERVICE_TYPE (SID, Title)

PK (SID)

CLIENT (CODE, Contact, Address, Name)

All Access Objects		
Search...		
Tables		
AgeCategory		
Events		
EventTypes		
People		
Results		
XCategory		

AgeCategory		
AgeCategory	Description	Click to Add
1	Under 20	
2	20 to 29	
3	30 to 39	
4	40 to 49	
5	Over 50	
*	(New)	

EventTypes Table

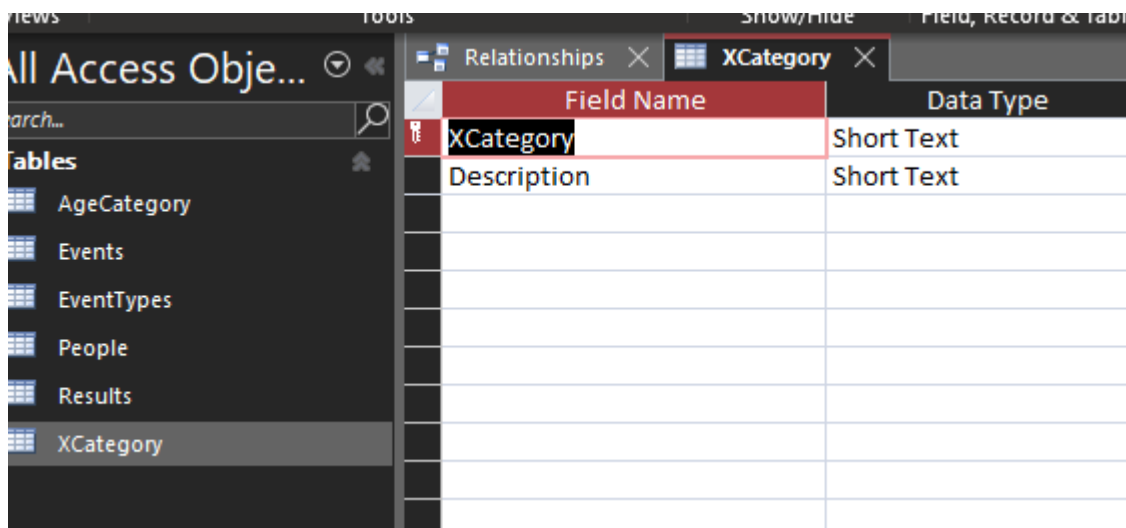
All Access Objects		
Search...		
Tables		
AgeCategory		
Events		
EventTypes		
People		
Results		
XCategory		

Field Name		Data Type
Code		Short Text
Description		Short Text

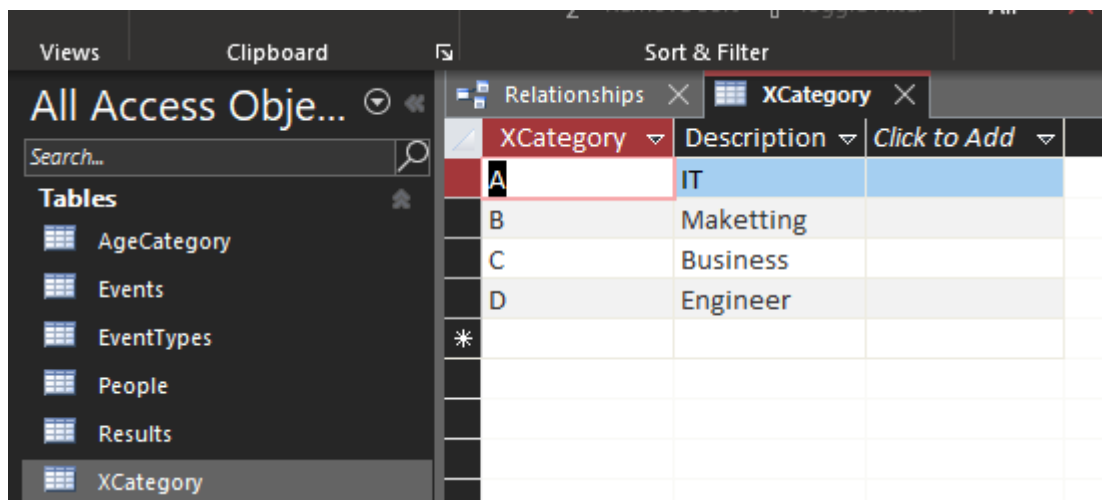
All Access Objects		
Search...		
Tables		
AgeCategory		
Events		
EventTypes		
People		
Results		
XCategory		

Code	Description	Click to Add
BO	Bush Orienteering	
CCR	Cross Country Race	
MTB	Mountain Bike Race	
PO	Parkland Orienteering	
RB	Road Bike Race	
RN	Running Race	
SP	Special Race	
*		

XCategory Table



Field Name	Data Type
XCategory	Short Text
Description	Short Text



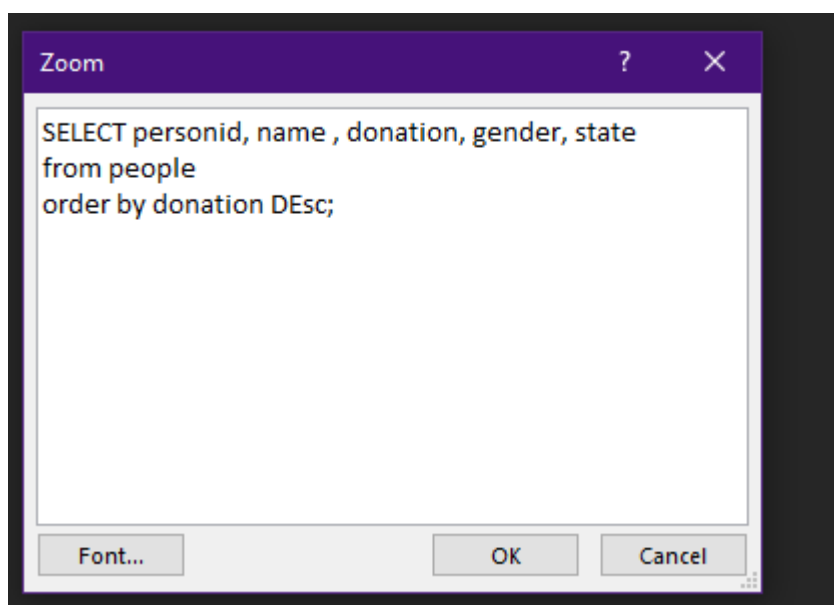
XCategory	Description	Click to Add
A	IT	
B	Maketting	
C	Business	
D	Engineer	

Part 3. Queries and Insert Data

Q1. People Query

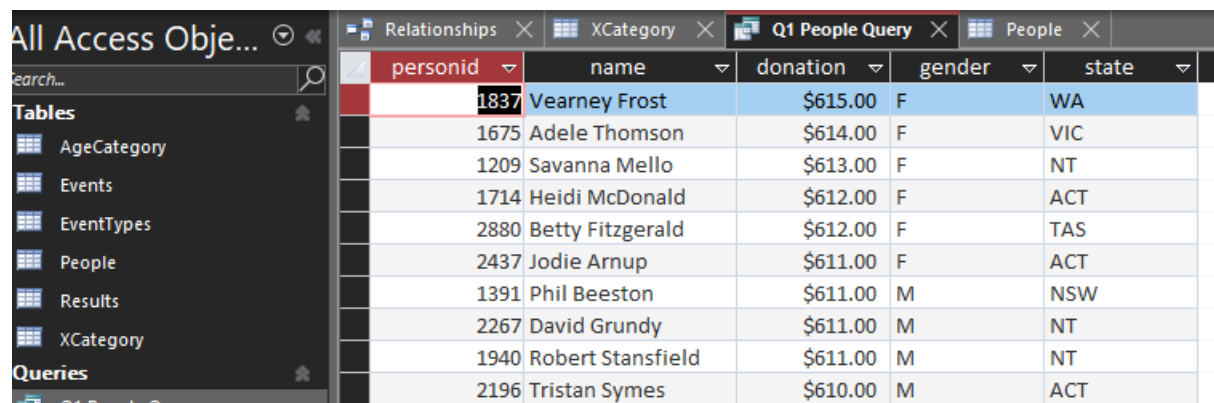
Design:

Paste screen design captures here



Result Set:

Paste screen design captures here



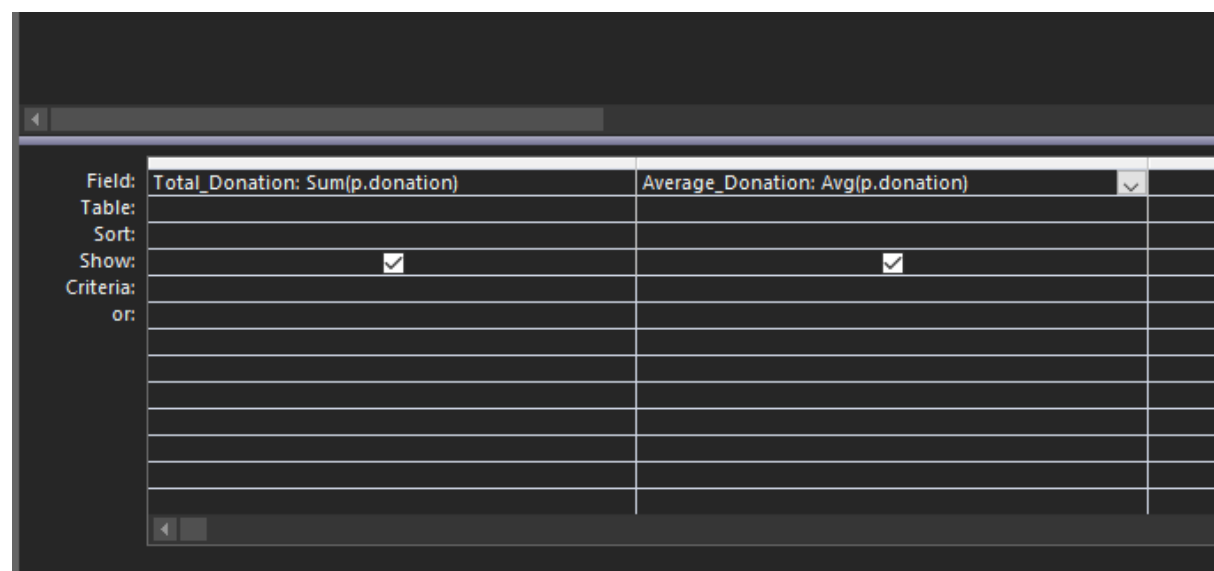
The screenshot shows the Microsoft Access interface with the 'Q1 People Query' open. The left pane shows the 'All Access Objects' list with 'Tables' and 'Queries' sections. The 'Tables' section lists 'AgeCategory', 'Events', 'EventTypes', 'People', 'Results', and 'XCategory'. The 'Queries' section lists 'Q1 People Query'. The main window displays the query result set for 'Q1 People Query' with the following data:

personid	name	donation	gender	state
1837	Vearney Frost	\$615.00	F	WA
1675	Adele Thomson	\$614.00	F	VIC
1209	Savanna Mello	\$613.00	F	NT
1714	Heidi McDonald	\$612.00	F	ACT
2880	Betty Fitzgerald	\$612.00	F	TAS
2437	Jodie Arnup	\$611.00	F	ACT
1391	Phil Beeston	\$611.00	M	NSW
2267	David Grundy	\$611.00	M	NT
1940	Robert Stansfield	\$611.00	M	NT
2196	Tristan Symes	\$610.00	M	ACT

Q2. Donation

Design:

Paste screen design captures here



The screenshot shows the Microsoft Access interface with the 'Q2. Donation' query in design view. The left pane shows the 'All Access Objects' list with 'Tables' and 'Queries' sections. The 'Tables' section lists 'AgeCategory', 'Events', 'EventTypes', 'People', 'Results', and 'XCategory'. The 'Queries' section lists 'Q2. Donation'. The main window displays the query design grid with the following fields:

Field:	Total_Donation: Sum(p.donation)	Average_Donation: Avg(p.donation)
Table:		
Sort:		
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:		
or:		

Result Set:

Paste screen design captures here

Views

Clipboard

Sort & Filter

Records

All Access Objects

Search...

Tables

AgeCategory

Events

EventTypes

People

Results

XCategory

Queries

Q1 People Query

Q2 Donation Query

Q2 Donation Query

Results

Total_Donation	Average_Donation
\$469,838.00	\$249.65

Views | Clipboard | Q3 Gender | People | Sort & Filter

All Access Objects

Search...

Tables

- AgeCategory
- Events
- EventTypes
- People
- Results
- XCategory

Queries

- Q1 People Query
- Q2 Donation Query
- Q3 Gender

gender	non_member_count
F	519
I	7
M	401

Q4. Fastest

Design:

Paste screen design captures here

Field:	Event Id	Event Description	Fastest_Time: minutes
Table:	e	e	r
Total:	Group By	Group By	Min
Sort:	Ascending		
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:			
or:			

Result Set:

Paste screen design captures here

Views	Clipboard	Sort & Filter	Records
All Access Objects		Q3 Gender X People X Q4 Fastest X Q2 Donation	
Search...		Event Id	Event Description
Tables			Fastest_Time
AgeCategory		1	Road Bike Rampage
Events		2	Tour de Melbourne
EventTypes		3	Velo Venture
People		4	Push It Pursuit
Results		5	Explorer Challenge
XCategory		6	Uphill Haul
Queries		7	Trees and Rocks
Q1 People Query		8	Serious Stuff
Q2 Donation Query		9	Jolly Jogger
Q3 Gender		10	Road Run
Q4 Fastest		11	Reality Race
		12	Tarmac Torture
		13	Cross Country Crusade
		14	Cross Country Burner
		15	Cross Country Onslaught
		16	Cross Country OMG
		17	Summer Saunter
		18	2 foot feat
		19	Find it Fast
		20	All Out Attack
		21	Bush Beginner
		22	Bush Bash
		23	Bush Buster
		24	Bush Serious

Q5. Better than Average

Design:

Paste screen design captures here

Field:	PersonId	Name	Gender	Minutes
Table:	People	People	People	Results
Sort:				
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:				<(SELECT AVG(Results.Minutes) FROM Results WHERE results.event = 2)
or:				

Result Set:

Paste screen design captures here

Clipboard		Sort & Filter		Records	
Access Obj...		Events	Q2 Donation Query	Q3 Gender	Q4 Fast
PersonID	Name	Gender	Minutes		
1000	Chris Koutros	M	22		
1000	Chris Koutros	M	19		
1001	Jo McClean	F	50		
1002	Alessia Galifi	F	49		
1005	Rhona Cowburn	F	51		
1006	Beth Meehan	F	22		
1006	Beth Meehan	F	23		
1007	Matthew Parr	M	36		
1008	Jared Coyle	M	21		
1009	Joanne Sharples	F	11		

Q6. Persons with No Results

Design:

Paste screen design captures here

Field:	PersonID	Name	Gender	Person
Table:	People	People	People	Results
Sort:				
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Criteria:				Is Null
or:				

Result Set:

Paste screen design captures here

Clipboard		Sort & Filter		Records	
Access Obj...		Events	Q2 Donation Query	Q3 Gender	Q4 Fast
PersonID	Name	Gender	Minutes		
2865	Kate Nangle	F			
2866	Fred Pool	M			
2867	Vibha Pant	F			
2868	Lucas Pool	M			
2869	Natalie Newton	F			
2870	Vasanta Iyer	F			
2871	Stephen Cooper	M			
2872	Lauren Porter	F			
2873	Rachel Totino	F			
2874	Justin Davis	M			

Q7. XCategory

Design:

Paste screen design captures here

Field:	xcategory	Description	Count: PersonID
Table:	x	x	p
Total:	Group By	Group By	Count
Sort:			
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:			
or:			

Result Set:

Paste screen design captures here

xcategory	Description	Count
A	IT	467
B	Maketting	462
C	Business	483
D	Engineer	471

Q8. Insert Your data and Event 25

Result Set:

Paste screen design captures here

PersonId	Name	Gender	State	Donation	Minutes
103542974	Hai Hoang Le	M	WA	\$1,000.00	10
2802	Eden Campbell	F	ACT	\$482.00	21
1901	Simon Christen	M	VIC	\$323.00	15
1904	Jo Roberts	F	NSW	\$0.00	51
1908	Christopher Mcelduf	M	NSW	\$362.00	31
2222	Rui Zhao	M	TAS	\$602.00	18
2150	Jenna Sagaria	F	QLD	\$0.00	32

Part 4 Visualizations

Q1. Member Category Viz

Settings:

Paste viz settings captures here

Hai Hoang Le 103542974

Q1. Member Category Viz

Gender	N	Y	Total
67		1	1
F	519	534	1053
I	7	4	11
M	401	417	818
Total	927	956	1883

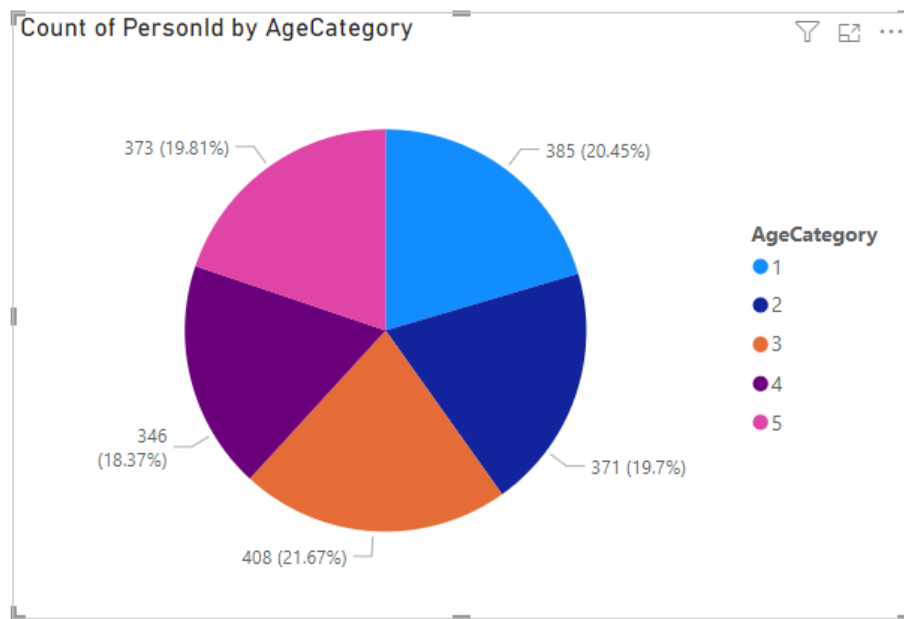
Q2. Age Category Viz

Settings:

Paste viz settings captures here

Hai Hoang Le 103542974

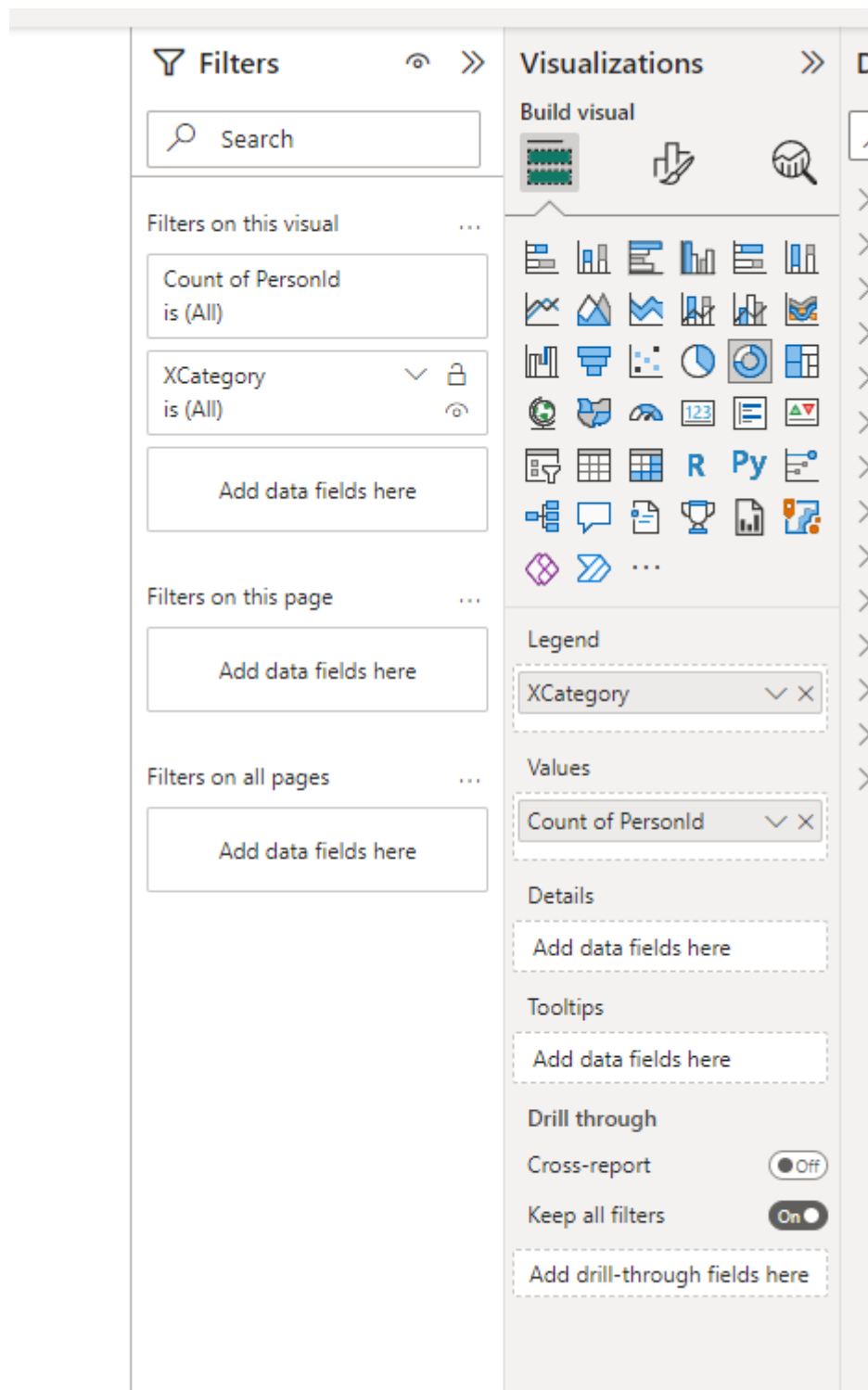
Q2. Age Category Viz



Q3. X Category Viz

Settings:

Paste viz settings captures here



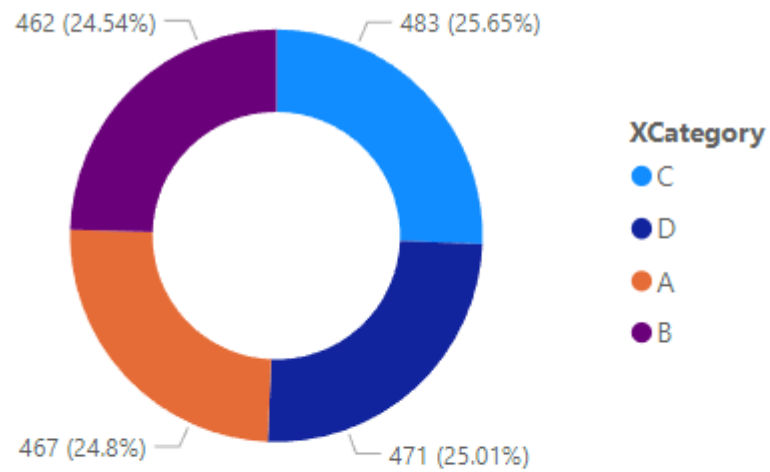
Visualization:

Paste the visualisation capture here

Hai Hoang Le 103542974

Q3. X Category Viz

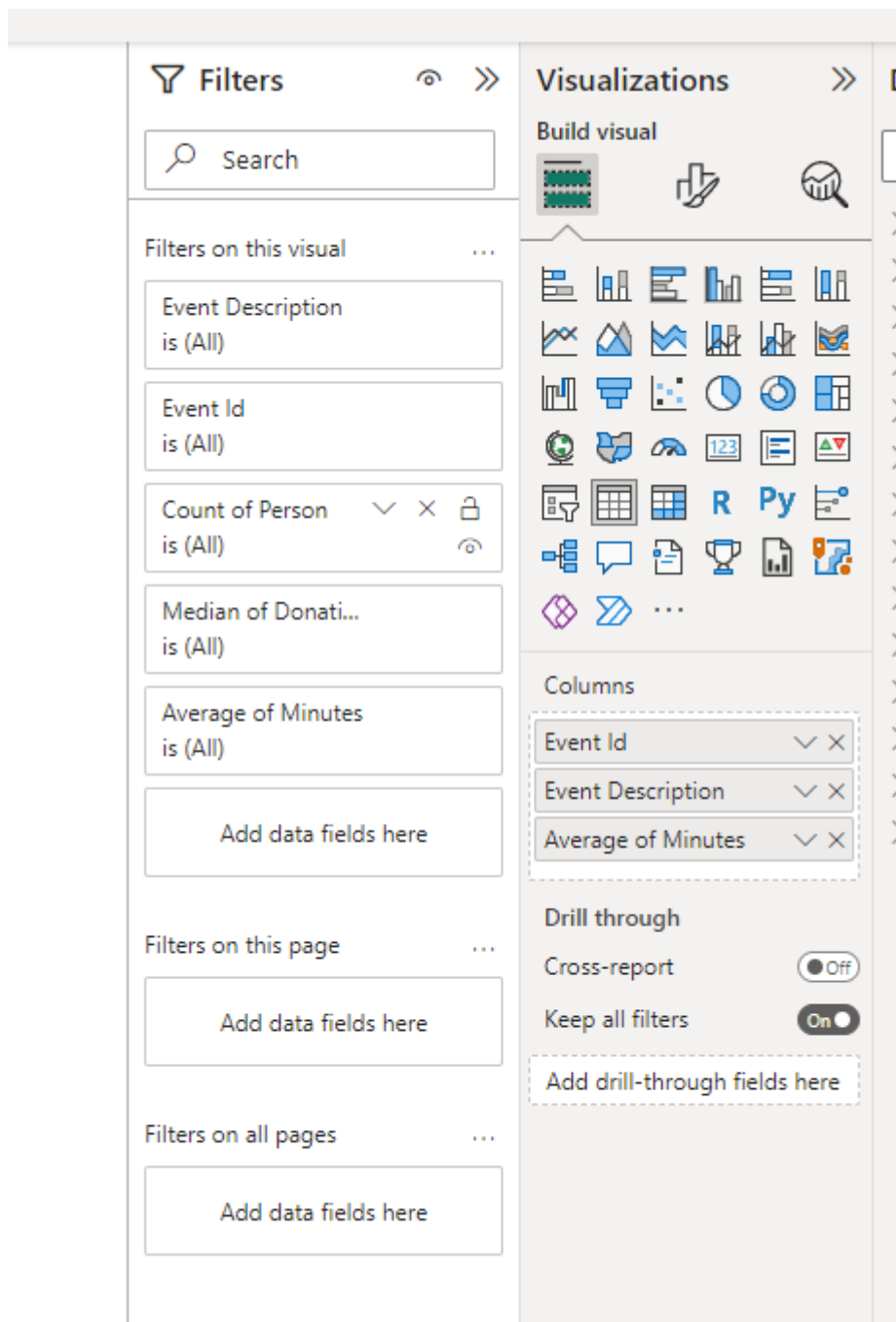
Count of PersonId by XCategory



Q4. Event Viz

Settings:

Paste viz settings captures here



Visualization:

Paste the visualisation capture here

Hai Hoang Le 103542974

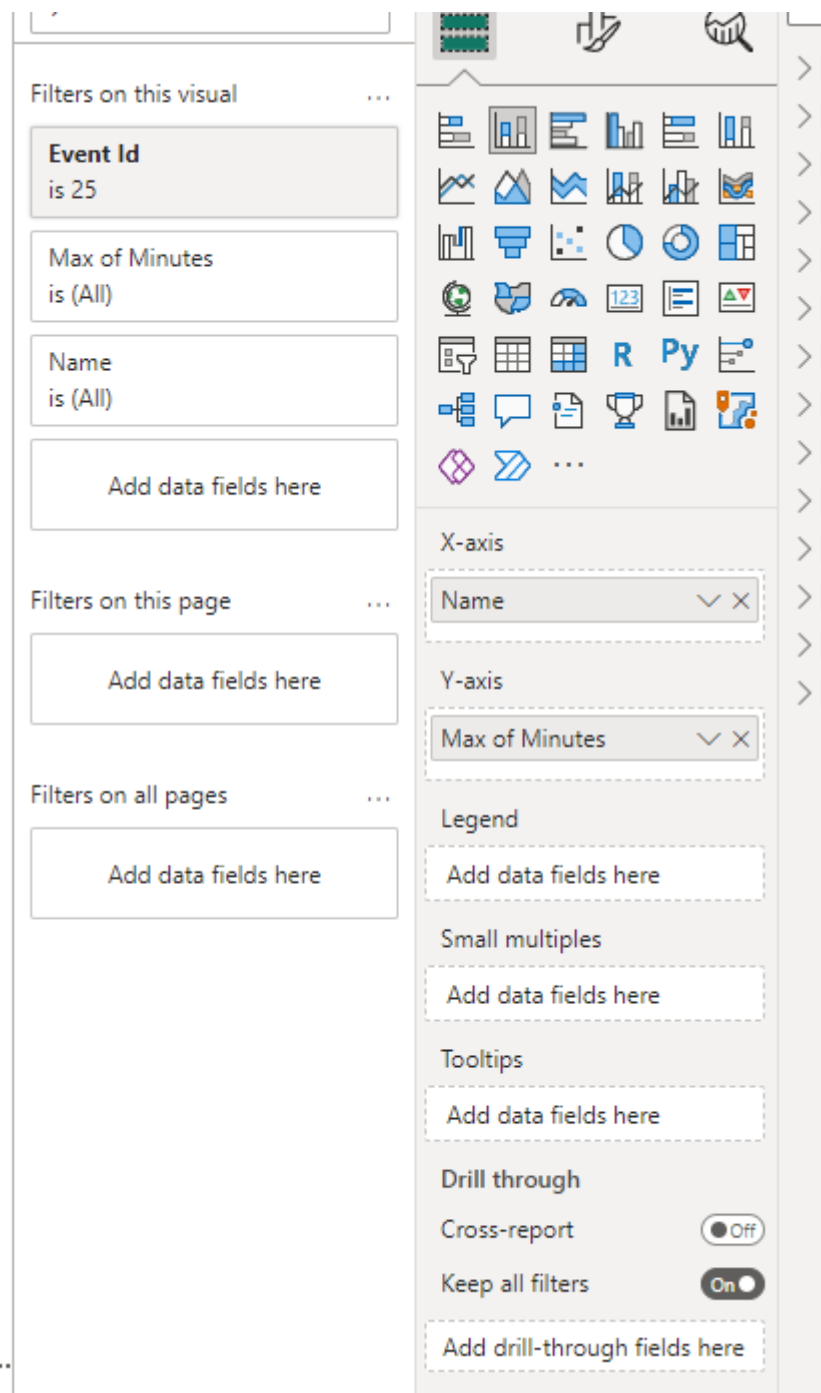
Q4. Event Viz

Event Id	Event Description	Average of Minutes
1	Road Bike Rampage	26.47
2	Tour de Melbourne	53.10
3	Velo Venture	136.10
4	Push It Pursuit	209.20
5	Explorer Challenge	24.13
6	Uphill Haul	47.85
7	Trees and Rocks	75.50
8	Serious Stuff	95.63
9	Jolly Jogger	23.23
10	Road Run	38.20
11	Reality Race	62.11
12	Tarmac Torture	96.50
13	Cross Country Crusade	18.96
14	Cross Country Burner	39.59
15	Cross Country Onslaught	55.85
16	Cross Country OMG	75.48
Total		66.65

Q5. Event 25 Viz

Settings:

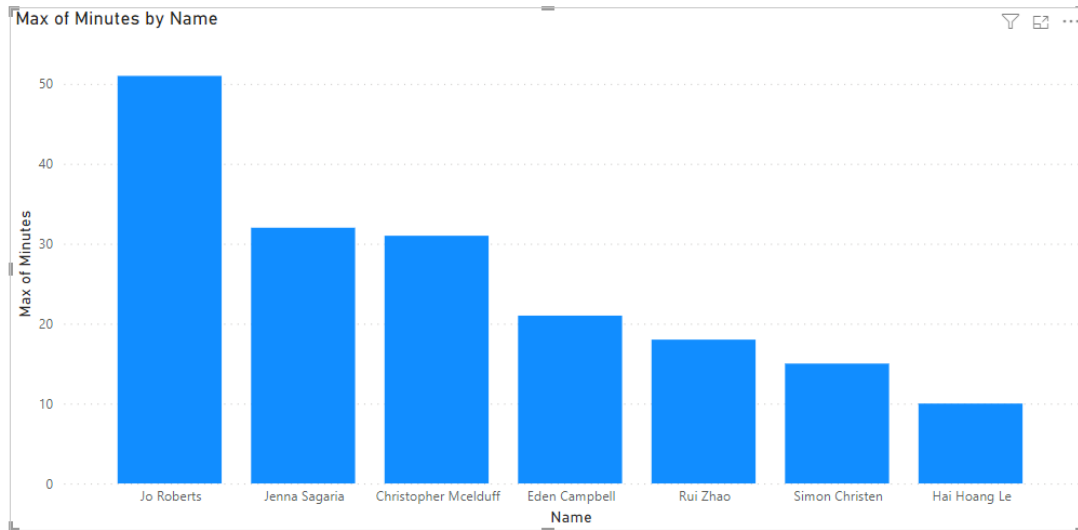
Paste viz settings captures here



Visualization:

Paste the visualisation capture here

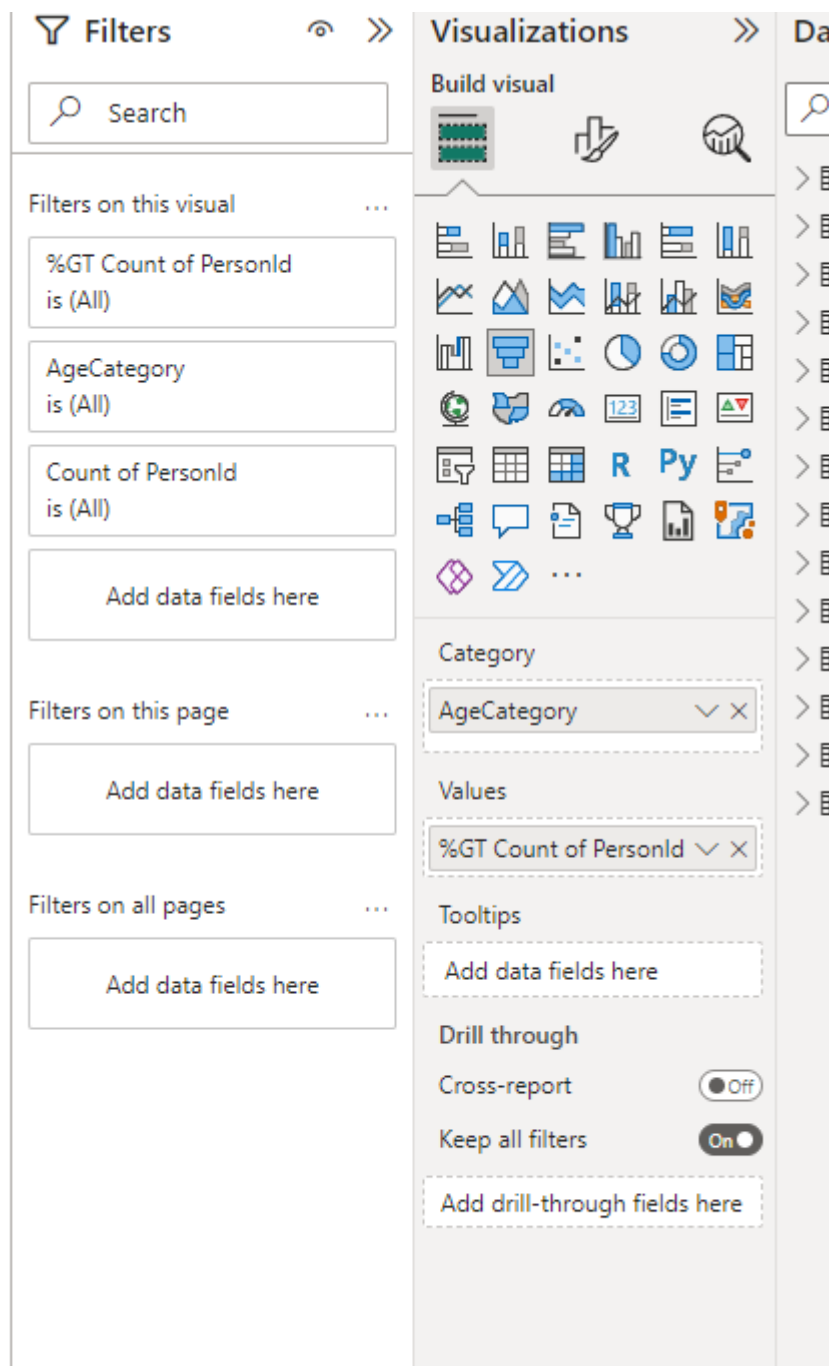
Q5. Event 25 Viz



Q6. Extra Viz 1

Settings:

Paste viz settings captures here



Visualization:

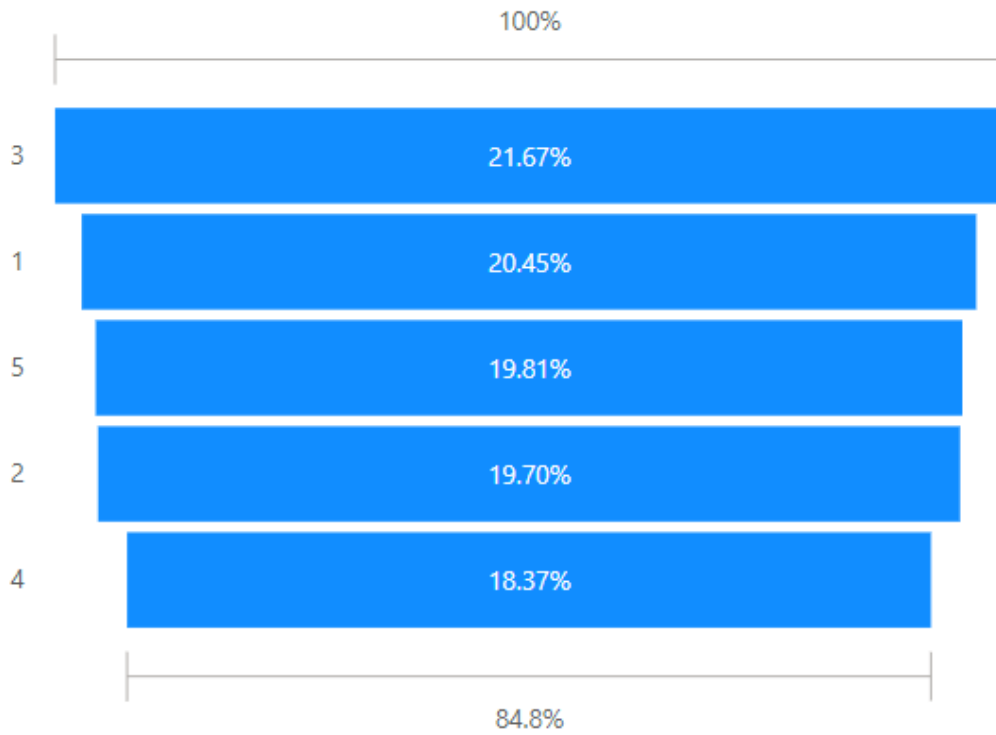
Paste the visualisation capture here



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Q6. Extra Viz 1

%GT Count of PersonId by AgeCategory



Q7. Extra Viz 2

Settings:

Paste viz settings captures here

