

1. Create the following segment in terms of Purchase - Affordable ( if< 10) - Expensive (if >10)

`dim_purchase = if(Purchase[Price]>10,"Expensive","Affordable")`

PurchaseId	PurchaseDate	PurchaseDateTime	Productid	Centroid	Quantity	Price	PaymentDate	StaffId	dim_purchase
15763	Wednesday, January 4, 2017	1/4/2017 2:54:00 PM	1	252	2	8.5	NULL	4644	Affordable
16093	Saturday, January 7, 2017	1/7/2017 12:44:00 PM	1	341	2	8.5	NULL	5573	Affordable
17158	Friday, January 13, 2017	1/13/2017 6:05:00 PM	1	360	2	8.5	NULL	5182	Affordable
17637	Tuesday, January 17, 2017	1/17/2017 3:40:00 PM	1	309	2	8.5	NULL	4922	Affordable
17851	Thursday, January 19, 2017	1/19/2017 12:29:00 PM	1	270	2	8.5	NULL	4719	Affordable
18325	Monday, January 23, 2017	1/23/2017 4:58:00 PM	1	326	2	8.5	NULL	4991	Affordable
18927	Sunday, January 29, 2017	1/29/2017 10:26:00 AM	1	331	2	8.5	NULL	5027	Affordable
19027	Monday, January 30, 2017	1/30/2017 6:24:00 PM	1	383	2	8.5	NULL	5296	Affordable
19052	Tuesday, January 31, 2017	1/31/2017 4:34:00 PM	1	255	2	8.5	NULL	4664	Affordable

2. Need to know how many animals do not belong to Air, Water & land

Not Air = CALCULATE(COUNT('Product'[Animal]),Habitat[EnvironmentId] <> 2)

\*\*\*Not Water = CALCULATE(COUNT('Product'[Animal]),Habitat[EnvironmentId] <> 3)

\*\*\*Not Land = CALCULATE(COUNT('Product'[Animal]),Habitat[EnvironmentId] <> 1)

☒ Habitat

☐ BackColour

☐ EnvironmentId

☐ ForeColour

☐ HabitatId

☐ HabitatName

☐ Not Air

☐ Not Land

☐ Not water

3. Create a segment on the basis of Species by the referring Animals and create a column in the required table. (hint – Product Table)

`Species = RELATED(Species[FamilyName])`

Productid	ProductName	Animal	HabitatId	Legs	FamilyId	WeightGrams	ProductionCost	Species
1	Sammy	Snake	1	0	1	950	7.19	Reptile
2	Pokyo	Penguin	4	2	3	850	4.5	Bird
3	Fenella	Frog	3	4	4	400	10.79	Amphibian
4	Layla	Lemur	2	2	5	550	4.28	Mammal
5	Dave	Dachsund	1	4	5	775	5.85	Mammal
6	Kylie	Camel	5	4	5	1200	3.15	Mammal

4. Need to segment the towns on the basis of region

Region = RELATED(Region[RegionName])

TownId	TownName	RegionId	Region
1	Aintree	5	North West
2	Aldershot	6	South East
3	Altrincham	5	North West
4	Andover	6	South East
5	Ashford	6	South East
6	Ashton Under Lyne	5	North West
7	Aylesbury	6	South East
8	Banbury	6	South East
9	Barhill	1	East Anglia