UNIVERSIDAD PRIVADA DE TACNA



INGENIERIA DE SISTEMAS

TITULO:

INFORME DE LABORATORIO N2 - PowerBI

CURSO:

INTELIGENCIA DE NEGOCIOS

DOCENTE(ING):

Patrick Cuadros Quiroga

Alumna:

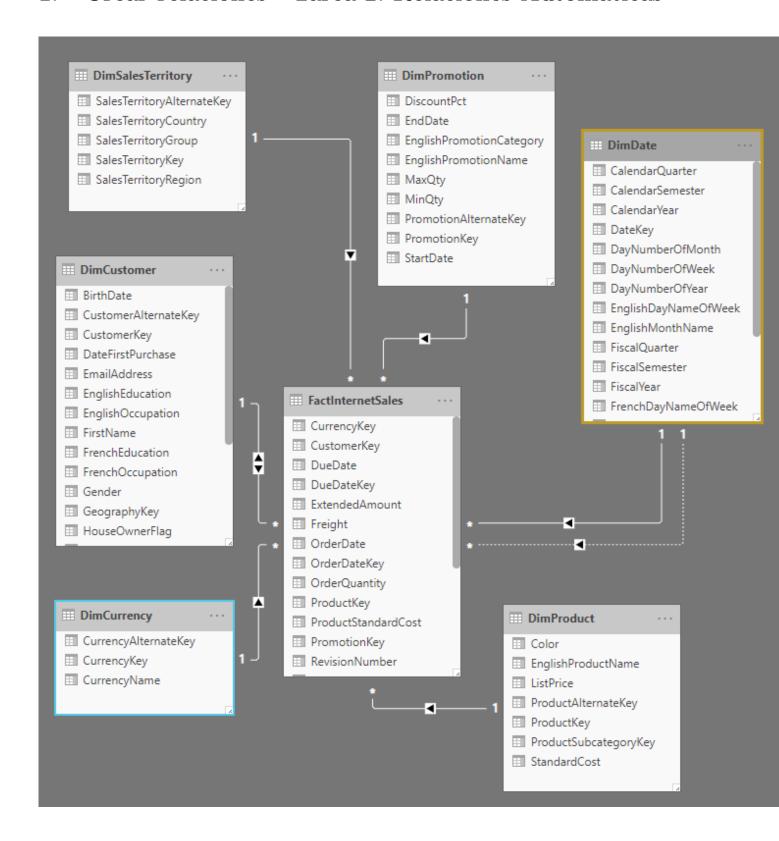
Espinoza Caso, Lisbeth

(2011040667)

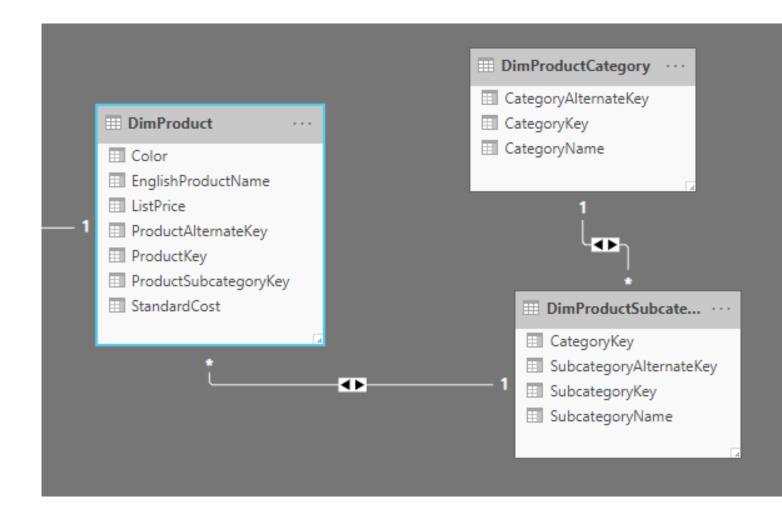
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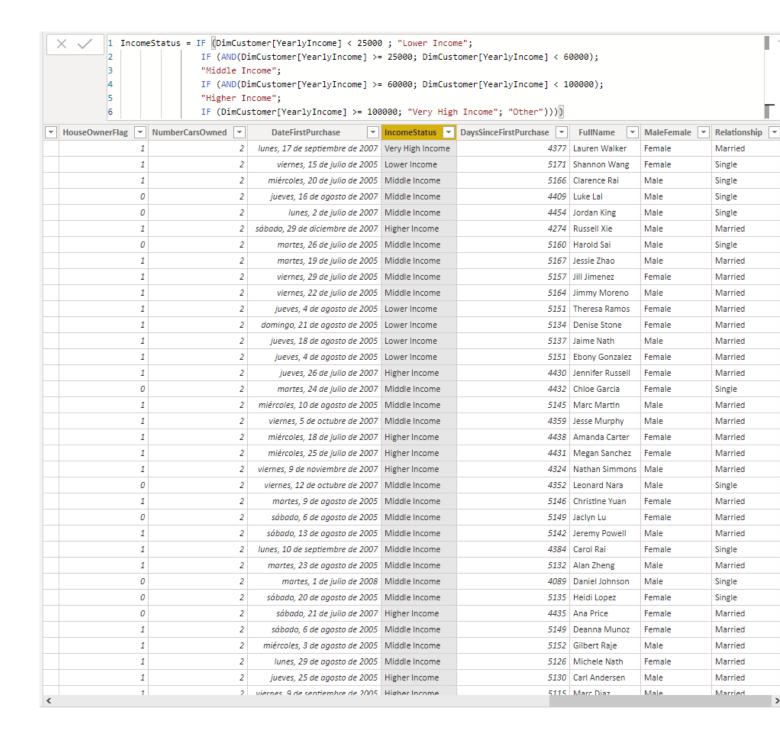
1. Crear relaciones - Tarea 2: Relaciones Automáticas



2. Crear relaciones - Tarea 2: Relaciones Manuales



3. Calculations - Tarea 3: Añadir una Columna Calculada



1			D . E' .D .		D 01 51 10 1	F		D 1 2 1
4		NumberCarsOwned 💌		IncomeStatus		FullName 🔻	MaleFemale *	Relationsh
+	1	2	lunes, 17 de septiembre de 200		4377	Lauren Walker	Female	Married
+	1	2	viernes, 15 de julio de 200		5171	Shannon Wang	Female	Single
	1	2	miércoles, 20 de julio de 200		5166		Male	Single
	0	2	jueves, 16 de agosto de 200		4409		Male	Single
	0	2	lunes, 2 de julio de 200			Jordan King	Male	Single
	1	2	sábado, 29 de diciembre de 200	-		Russell Xie	Male	Married
	0	2	martes, 26 de julio de 200	5 Middle Income	5160	Harold Sai	Male	Single
	1	2	martes, 19 de julio de 200	5 Middle Income	5167	Jessie Zhao	Male	Married
	1	2	viernes, 29 de julio de 200	5 Middle Income	5157	Jill Jimenez	Female	Married
	1	2	viernes, 22 de julio de 200	5 Middle Income	5164	Jimmy Moreno	Male	Married
	1	2	jueves, 4 de agosto de 200	5 Lower Income	5151	Theresa Ramos	Female	Married
	1	2	domingo, 21 de agosto de 200	5 Lower Income	5134	Denise Stone	Female	Married
	1	2	jueves, 18 de agosto de 200	5 Lower Income	5137	Jaime Nath	Male	Married
	1	2	jueves, 4 de agosto de 200	5 Lower Income	5151	Ebony Gonzalez	Female	Married
	1	2	jueves, 26 de julio de 200	7 Higher Income	4430	Jennifer Russell	Female	Married
	0	2	martes, 24 de julio de 200	7 Middle Income	4432	Chloe Garcia	Female	Single
	1	2	miércoles, 10 de agosto de 200	5 Middle Income	5145	Marc Martin	Male	Married
	1	2	viernes, 5 de octubre de 200	7 Middle Income	4359	Jesse Murphy	Male	Married
	1	2	miércoles, 18 de julio de 200	7 Higher Income	4438	Amanda Carter	Female	Married
	1	2	miércoles, 25 de julio de 200	7 Higher Income	4431	Megan Sanchez	Female	Married
	1	2	viernes, 9 de noviembre de 200	7 Higher Income	4324	Nathan Simmons	Male	Married
	0	2	viernes, 12 de octubre de 200	7 Middle Income	4352	Leonard Nara	Male	Single
	1	2	martes, 9 de agosto de 200	5 Middle Income	5146	Christine Yuan	Female	Married
	0	2	sábado, 6 de agosto de 200	5 Middle Income	5149	Jaclyn Lu	Female	Married
	1	2	sábado, 13 de agosto de 200	5 Middle Income	5142	Jeremy Powell	Male	Married
	1	2	lunes, 10 de septiembre de 200			Carol Rai	Female	Single
	1	2	martes, 23 de agosto de 200		5132	Alan Zheng	Male	Married
	0	2	martes, 1 de julio de 200			Daniel Johnson	Male	Single
	0	2	sábado, 20 de agosto de 200		5135	Heidi Lopez	Female	Single
	0	2	sábado, 21 de julio de 200			Ana Price	Female	Married
	1	2	sábado, 6 de agosto de 200	_		Deanna Munoz	Female	Married
	1	2	miércoles, 3 de agosto de 200			Gilbert Raje	Male	Married
	1	2	lunes, 29 de agosto de 200			Michele Nath	Female	Married
	1	2	jueves, 25 de agosto de 200			Carl Andersen	Male	Married
	1	2	viernes, 9 de septiembre de 200	_		Marc Diaz	Male	Married
	1	2	miércoles, 22 de agosto de 200		4403	Ashlee Andersen	Female	Single
	1	2	lunes, 19 de septiembre de 200			Jon Zhou	Male	Married
	1	2				Todd Gao	Male	Married
	1	2	martes, 13 de septiembre de 200 miércoles. 11 de iulio de 200	_		Noah Powell	Male	Married

× ·	1 Ful										
Hou	iseOwnerFlag	•	NumberCarsOwned	-	DateFirstPurchase v	IncomeStatus 💌	DaysSinceFirstPurchase	•	FullName ~	MaleFemale 💌	Relationshi
		1		2	lunes, 17 de septiembre de 2007	Very High Income	4	377	Lauren Walker	Female	Married
		1		2	viernes, 15 de julio de 2005	Lower Income	5.	171	Shannon Wang	Female	Single
		1		2	miércoles, 20 de julio de 2005	Middle Income	5.	166	Clarence Rai	Male	Single
		0		2	jueves, 16 de agosto de 2007	Middle Income	4	409	Luke Lal	Male	Single
		0		2	lunes, 2 de julio de 2007	Middle Income	44	454	Jordan King	Male	Single
		1		2	sábado, 29 de diciembre de 2007	Higher Income	4.	274	Russell Xie	Male	Married
		0		2	martes, 26 de julio de 2005	Middle Income	5.	160	Harold Sai	Male	Single
		1		2	martes, 19 de julio de 2005	Middle Income	5.	167	Jessie Zhao	Male	Married
		1		2	viernes, 29 de julio de 2005	Middle Income	5.	157	Jill Jimenez	Female	Married
		1		2	viernes, 22 de julio de 2005	Middle Income	5.	164	Jimmy Moreno	Male	Married
		1		2	jueves, 4 de agosto de 2005	Lower Income	5.	151	Theresa Ramos	Female	Married
		1		2	domingo, 21 de agosto de 2005	Lower Income	5.	134	Denise Stone	Female	Married
		1		2	jueves, 18 de agosto de 2005	Lower Income	5.	137	Jaime Nath	Male	Married
		1		2	jueves, 4 de agosto de 2005	Lower Income	5.	151	Ebony Gonzalez	Female	Married
		1		2	jueves, 26 de julio de 2007	Higher Income	4	430	Jennifer Russell	Female	Married
		0		2	martes, 24 de julio de 2007	Middle Income	4	432	Chloe Garcia	Female	Single
		1		2	miércoles, 10 de agosto de 2005	Middle Income	5:	145	Marc Martin	Male	Married
		1		2	viernes, 5 de octubre de 2007	Middle Income	4	359	Jesse Murphy	Male	Married
		1		2	miércoles, 18 de julio de 2007	Higher Income	4	438	Amanda Carter	Female	Married
		1		2	miércoles, 25 de julio de 2007	Higher Income	4	431	Megan Sanchez	Female	Married
		1		2	viernes, 9 de noviembre de 2007	Higher Income	4	324	Nathan Simmons	Male	Married
		0		2	viernes, 12 de octubre de 2007	Middle Income	4	352	Leonard Nara	Male	Single
		1		2	martes, 9 de agosto de 2005	Middle Income	5.	146	Christine Yuan	Female	Married
		0		2	sábado, 6 de agosto de 2005	Middle Income	5.	149	Jaclyn Lu	Female	Married
		1		2	sábado, 13 de agosto de 2005	Middle Income	5.	142	Jeremy Powell	Male	Married
		1		2	lunes, 10 de septiembre de 2007	Middle Income	4.	384	Carol Rai	Female	Single
		1		2	martes, 23 de agosto de 2005	Middle Income	5.	132	Alan Zheng	Male	Married
		0		2	martes, 1 de julio de 2008	Middle Income	40	089	Daniel Johnson	Male	Single
		0		2	sábado, 20 de agosto de 2005	Middle Income	5.	135	Heidi Lopez	Female	Single
		0		2	sábado, 21 de julio de 2007	Higher Income	44	435	Ana Price	Female	Married
		1		2	sábado, 6 de agosto de 2005	Middle Income	5.	149	Deanna Munoz	Female	Married
		1		2	miércoles, 3 de agosto de 2005	Middle Income	5.	152	Gilbert Raje	Male	Married
		1		2	lunes, 29 de agosto de 2005	Middle Income	5.	126	Michele Nath	Female	Married
		1		2	jueves, 25 de agosto de 2005	Higher Income	5.	130	Carl Andersen	Male	Married
		1		2	viernes, 9 de septiembre de 2005	Higher Income	5.	115	Marc Diaz	Male	Married
		1		2	miércoles, 22 de agosto de 2007	_	4-	403	Ashlee Andersen	Female	Single
		1		2	lunes, 19 de septiembre de 2005	_			Jon Zhou	Male	Married
		1		2	martes, 13 de septiembre de 2005	_			Todd Gao	Male	Married
		1		2	miércoles. 11 de iulio de 2007	_			Noah Powell	Male	Married

1 Mal	eremate - II (Dimeuseo	mer[Gender] = "M"; "Male"	, Temore y				
HouseOwnerFlag	▼ NumberCarsOwned ▼	DateFirstPurchase	▼ IncomeStatus ▼	DaysSinceFirstPurchase *	FullName 🔻	MaleFemale ~	Relationsh
	1	lunes, 17 de septiembre de 20	07 Very High Income	4377	Lauren Walker	Female	Married
	1	viernes, 15 de julio de 20	05 Lower Income	5171	Shannon Wang	Female	Single
	1	miércoles, 20 de julio de 20	05 Middle Income	5166	Clarence Rai	Male	Single
	0	jueves, 16 de agosto de 20	07 Middle Income	4409	Luke Lal	Male	Single
	0	lunes, 2 de julio de 20	07 Middle Income	4454	Jordan King	Male	Single
	1	sábado, 29 de diciembre de 20	07 Higher Income	4274	Russell Xie	Male	Married
	0	martes, 26 de julio de 20	05 Middle Income	5160	Harold Sai	Male	Single
	1	martes, 19 de julio de 20	05 Middle Income	5167	Jessie Zhao	Male	Married
	1	viernes, 29 de julio de 20	05 Middle Income	5157	Jill Jimenez	Female	Married
	1	viernes, 22 de julio de 20	05 Middle Income	5164	Jimmy Moreno	Male	Married
	1	jueves, 4 de agosto de 20	05 Lower Income	5151	Theresa Ramos	Female	Married
	1	domingo, 21 de agosto de 20	05 Lower Income	5134	Denise Stone	Female	Married
	1	jueves, 18 de agosto de 20	05 Lower Income	5137	Jaime Nath	Male	Married
	1	jueves, 4 de agosto de 20	05 Lower Income	5151	Ebony Gonzalez	Female	Married
	1	jueves, 26 de julio de 20	07 Higher Income	4430	Jennifer Russell	Female	Married
	0	martes, 24 de julio de 20	07 Middle Income	4432	Chloe Garcia	Female	Single
	1	miércoles, 10 de agosto de 20	05 Middle Income	5145	Marc Martin	Male	Married
	1	viernes, 5 de octubre de 20	07 Middle Income	4359	Jesse Murphy	Male	Married
	1	miércoles, 18 de julio de 20	07 Higher Income	4438	Amanda Carter	Female	Married
	1	miércoles, 25 de julio de 20	07 Higher Income	4431	Megan Sanchez	Female	Married
	1	viernes, 9 de noviembre de 20	07 Higher Income	4324	Nathan Simmons	Male	Married
	0	viernes, 12 de octubre de 20	07 Middle Income	4352	Leonard Nara	Male	Single
	1	martes, 9 de agosto de 20	05 Middle Income	5146	Christine Yuan	Female	Married
	0	sábado, 6 de agosto de 20	05 Middle Income	5149	Jaclyn Lu	Female	Married
	1	sábado, 13 de agosto de 20	05 Middle Income	5142	Jeremy Powell	Male	Married
	1	lunes, 10 de septiembre de 20	07 Middle Income	4384	Carol Rai	Female	Single
	1	martes, 23 de agosto de 20	05 Middle Income	5132	Alan Zheng	Male	Married
	0	martes, 1 de julio de 20	08 Middle Income	4089	Daniel Johnson	Male	Single
	0	sábado, 20 de agosto de 20	05 Middle Income	5135	Heidi Lopez	Female	Single
	0	sábado, 21 de julio de 20	07 Higher Income	4435	Ana Price	Female	Married
	1	sábado, 6 de agosto de 20	05 Middle Income	5149	Deanna Munoz	Female	Married
	1	miércoles, 3 de agosto de 20	05 Middle Income	5152	Gilbert Raje	Male	Married
	1	lunes, 29 de agosto de 20	05 Middle Income	5126	Michele Nath	Female	Married
	1			5130	Carl Andersen	Male	Married
	1			5115		Male	Married
	1			4403		Female	Single
	1			5105		Male	Married
		martes, 13 de septiembre de 20			Todd Gao	Male	Married
		miércoles. 11 de iulio de 20			Noah Powell	Male	Married

louseOwnerFlag 💌	NumberCarsOwned 🔻	DateFirstPurchase 🔻	IncomeStatus 💌	DaysSinceFirstPurchase 🔻	FullName 🔻	MaleFemale 🔻	Relationsh
1	2	lunes, 17 de septiembre de 2007	Very High Income	4377	Lauren Walker	Female	Married
1	2	viernes, 15 de julio de 2005	Lower Income	5171	Shannon Wang	Female	Single
1	2	miércoles, 20 de julio de 2005	Middle Income	5166	Clarence Rai	Male	Single
0	2	jueves, 16 de agosto de 2007	Middle Income	4409	Luke Lal	Male	Single
0	2	lunes, 2 de julio de 2007	Middle Income	4454	Jordan King	Male	Single
1	2	sábado, 29 de diciembre de 2007	Higher Income	4274	Russell Xie	Male	Married
0	2	martes, 26 de julio de 2005	Middle Income	5160	Harold Sai	Male	Single
1	2	martes, 19 de julio de 2005	Middle Income	5167	Jessie Zhao	Male	Married
1	2	viernes, 29 de julio de 2005	Middle Income	5157	Jill Jimenez	Female	Married
1	2	viernes, 22 de julio de 2005	Middle Income	5164	Jimmy Moreno	Male	Married
1	2	jueves, 4 de agosto de 2005	Lower Income	5151	Theresa Ramos	Female	Married
1	2	domingo, 21 de agosto de 2005	Lower Income	5134	Denise Stone	Female	Married
1	2	jueves, 18 de agosto de 2005	Lower Income	5137	Jaime Nath	Male	Married
1	2	jueves, 4 de agosto de 2005	Lower Income	5151	Ebony Gonzalez	Female	Married
1	2	jueves, 26 de julio de 2007	Higher Income	4430	Jennifer Russell	Female	Married
0	2	martes, 24 de julio de 2007	Middle Income	4432	Chloe Garcia	Female	Single
1	2	miércoles, 10 de agosto de 2005	Middle Income	5145	Marc Martin	Male	Married
1	2	viernes, 5 de octubre de 2007	Middle Income	4359	Jesse Murphy	Male	Married
1	2	miércoles, 18 de julio de 2007	Higher Income	4438	Amanda Carter	Female	Married
1	2	miércoles, 25 de julio de 2007	Higher Income	4431	Megan Sanchez	Female	Married
1	2	viernes, 9 de noviembre de 2007	Higher Income	4324	Nathan Simmons	Male	Married
0	2	viernes, 12 de octubre de 2007	Middle Income	4352	Leonard Nara	Male	Single
1	2	martes, 9 de agosto de 2005	Middle Income	5146	Christine Yuan	Female	Married
0	2	sábado, 6 de agosto de 2005	Middle Income	5149	Jaclyn Lu	Female	Married
1	2	sábado, 13 de agosto de 2005	Middle Income	5142	Jeremy Powell	Male	Married
1	2	lunes, 10 de septiembre de 2007	Middle Income	4384	Carol Rai	Female	Single
1	2	martes, 23 de agosto de 2005	Middle Income	5132	Alan Zheng	Male	Married
0	2	martes, 1 de julio de 2008	Middle Income	4089	Daniel Johnson	Male	Single
0	2	sábado, 20 de agosto de 2005	Middle Income	5135	Heidi Lopez	Female	Single
0	2	sábado, 21 de julio de 2007	Higher Income	4435	Ana Price	Female	Married
1	2	sábado, 6 de agosto de 2005	Middle Income	5149	Deanna Munoz	Female	Married
1	2	miércoles, 3 de agosto de 2005	Middle Income	5152	Gilbert Raje	Male	Married
1	2	lunes, 29 de agosto de 2005	Middle Income	5126	Michele Nath	Female	Married
1	2	jueves, 25 de agosto de 2005	Higher Income	5130	Carl Andersen	Male	Married
1	2	viernes, 9 de septiembre de 2005	Higher Income	5115	Marc Diaz	Male	Married
1	2	miércoles, 22 de agosto de 2007	Higher Income	4403	Ashlee Andersen	Female	Single
1	2	lunes, 19 de septiembre de 2005	Higher Income	5105	Jon Zhou	Male	Married
1	2	martes, 13 de septiembre de 2005	Higher Income	E111	Todd Gao	Male	Married

٦	1	MainCategory	=	RELATED (DimProductCategory[CategoryName])	Ī
- 1	_				

X	ainCategory = RELATED(Dir	iri oducicategory[Ca	regorywanie jij	
SubcategoryKey 🔻	SubcategoryAlternateKey 💌	SubcategoryName 💌	CategoryKey 🔻	MainCategor
1	1	Mountain Bikes	1	Bikes
2	2	Road Bikes	1	Bikes
3	3	Touring Bikes	1	Bikes
4	4	Handlebars	2	Components
5	5	Bottom Brackets	2	Components
6	6	Brakes	2	Components
7	7	Chains	2	Components
8	8	Cranksets	2	Components
9	9	Derailleurs	2	Components
10	10	Forks	2	Components
11	11	Headsets	2	Components
12	12	Mountain Frames	2	Components
13	13	Pedals	2	Components
14	14	Road Frames	2	Components
15	15	Saddles	2	Components
16	16	Touring Frames	2	Components
17	17	Wheels	2	Components
18	18	Bib-Shorts	3	Clothing
19	19	Caps	3	Clothing
20	20	Gloves	3	Clothing
21	21	Jerseys	3	Clothing
22	22	Shorts	3	Clothing
23	23	Socks	3	Clothing
24	24	Tights	3	Clothing
25	25	Vests	3	Clothing
26	26	Bike Racks	4	Accessories
27	27	Bike Stands	4	Accessories
28	28	Bottles and Cages	4	Accessories
29	29	Cleaners	4	Accessories
30	30	Fenders	4	Accessories
31	31	Helmets	4	Accessories
32	32	Hydration Packs	4	Accessories
33	833	Lights	4	Accessories
34	2.1	Locks	А	Accessories

× ✓	X V 1 PromotionLengthDays = DATEDIFF(DimPromotion[StartDate]; DimPromotion[EndDate]; DAY)												
ionName 🔻	DiscountPct 💌	EnglishPromotionCategory •	StartDate	EndDate ▼	MinQty 🔻	MaxQty ~	PromotionLengthDays						
	0	No Discount	miércoles, 1 de junio de 2005	miércoles, 31 de diciembre de 2008	0	NULL	13						
1 to 14	0,02	Reseller	viernes, 1 de julio de 2005	lunes, 30 de junio de 2008	11	14	10						
.5 to 24	0,05	Reseller	viernes, 1 de julio de 2005	lunes, 30 de junio de 2008	15	24	10						
5 to 40	0,1	Reseller	viernes, 1 de julio de 2005	lunes, 30 de junio de 2008	25	40	10						
1 to 60	0,15	Reseller	viernes, 1 de julio de 2005	lunes, 30 de junio de 2008	41	60	10						
iver 60	0,2	Reseller	viernes, 1 de julio de 2005	lunes, 30 de junio de 2008	61	NULL	10						
arance Sale	0,35	Reseller	lunes, 15 de mayo de 2006	viernes, 30 de junio de 2006	0	NULL							
ount-2002	0,1	Reseller	sábado, 1 de julio de 2006	lunes, 31 de julio de 2006	0	NULL							
ik	0,3	Reseller	sábado, 1 de julio de 2006	jueves, 31 de agosto de 2006	0	NULL							
:	0,5	Customer	viernes, 15 de junio de 2007	jueves, 30 de agosto de 2007	0	NULL							
ount-2003	0,15	Reseller	domingo, 1 de julio de 2007	martes, 31 de julio de 2007	0	NULL							
e	0,35	Reseller	domingo, 1 de julio de 2007	miércoles, 15 de agosto de 2007	0	NULL							
notion	0,15	Reseller	domingo, 1 de julio de 2007	domingo, 30 de septiembre de 2007	0	NULL							
notion	0,2	Reseller	domingo, 1 de julio de 2007	domingo, 30 de septiembre de 2007	0	NULL							
le	0,5	Customer	miércoles, 15 de agosto de 2007	sábado, 15 de septiembre de 2007	0	NULL							
er Clearance Sale	0,4	Reseller	jueves, 1 de mayo de 2008	lunes, 30 de junio de 2008	0	NULL							