

UNIVERSIDAD PRIVADA-DE-TACNA



INGENIERIA DE SISTEMAS

TITULO:

**Practica de laboratorio Nr 02: Modelado Datos en Power  
Bi**

**CURSO:**

Inteligencia de Negocios

**DOCENTE(ING):**

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Integrante:

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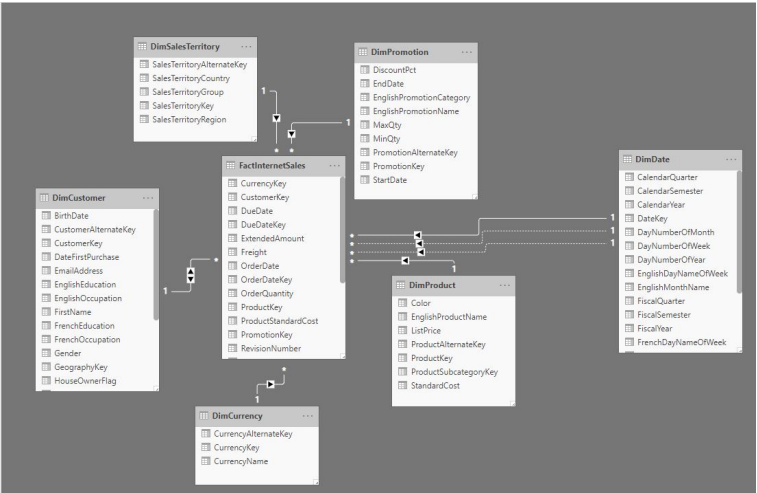
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# Índice

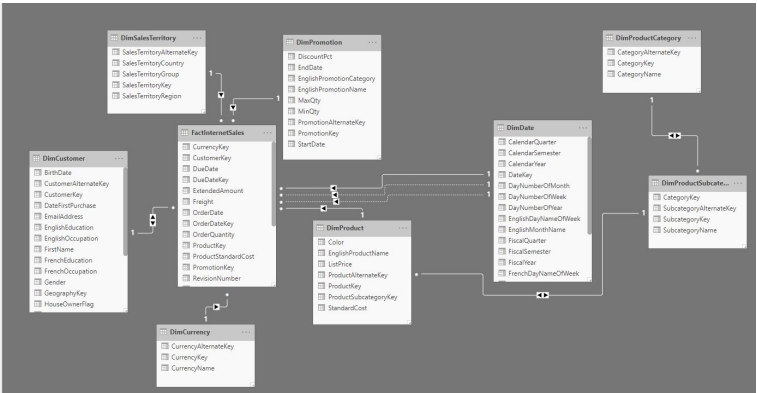
1. Proceso	1
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# 1. Proceso

- Relacion entre tablas del excel



- Relacion de las tablas despues de agregar el nuevo excel



- Calculo de columna en DimCustomer

Reinosolanda\_Ventas\_AdventureWorks - Power BI Desktop

Modeling Help

Formulas: Text • Power Query: Data Category Unrecognized • Manage Views: Rules, Security • Views: View as Group • Edit: Edit Data Table • Language: Q&A

Calculations: What If Sort Formatting Properties

1 IncomeStatus = IF (D[CustomerYearlyIncome] < 25000, "Lower Income",

2 IF (D[CustomerYearlyIncome] >= 25000, D[CustomerYearlyIncome] < 60000),

3 "Middle Income",

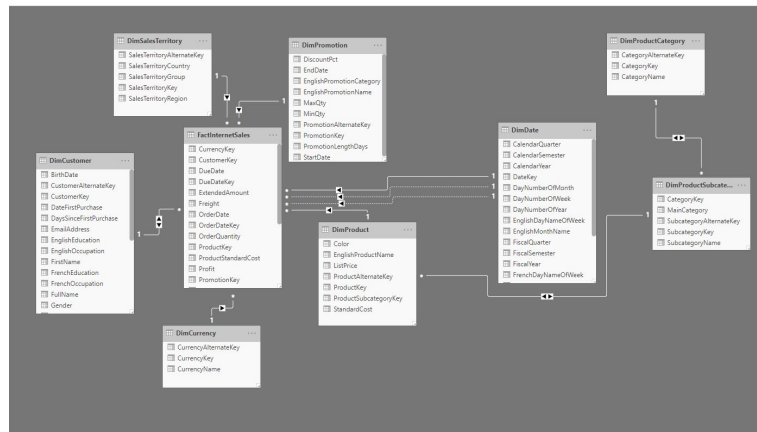
4 IF (D[CustomerYearlyIncome] >= 60000, D[CustomerYearlyIncome] < 100000),

5 "Upper Income",

6 IF (D[CustomerYearlyIncome] >= 100000, "Very High Income", "Other"))

EmployeeID	EnglishOccupation	SpanishOccupation	FrenchOccupation	HouseOwnerFlag	NumberCarsOwned	DaysToFirstPurchase	DaysToNextPurchase	DaysToFirstPurchase	DaysToNextPurchase	Fullname	MaritalStatus	Address
c+4	Management	Gerente	Directivo	0	2	jueves, 15 de julio de 2003	Very High Income	4257	Lucas Walker	Female	Married	
c+2	Skilled Manual	Obrero especializado	Technician	1	2	viernes, 15 de julio de 2003	Lower Income	5272	Shannon Wang	Female	Single	
customer1	Clerical	Administrativo	Employed	1	2	miércoles, 20 de julio de 2003	Middle Income	5266	Clarence Ral	Male	Single	
c+2	Skilled Manual	Obrero especializado	Technician	0	2	viernes, 18 de agosto de 2003	Middle Income	4650	Lyle Lee	Male	Single	
c+2	Skilled Manual	Obrero especializado	Technician	0	2	jueves, 2 de julio de 2003	Middle Income	4654	Jordan King	Male	Single	
customer1	Skilled Manual	Obrero especializado	Technician	1	2	sábado, 20 de diciembre de 2002	Higher Income	4274	Russell Kie	Male	Married	
customer1	Clerical	Administrativo	Employed	0	2	miércoles, 20 de julio de 2003	Middle Income	5268	Wendy Sal	Female	Single	
customer1	Clerical	Administrativo	Employed	1	2	miércoles, 20 de julio de 2003	Middle Income	5267	Jeane Dine	Male	Married	
customer1	Clerical	Administrativo	Employed	1	2	viernes, 20 de julio de 2003	Middle Income	5257	Al Jinnas	Female	Married	
customer1	Clerical	Administrativo	Employed	1	2	viernes, 22 de julio de 2003	Middle Income	5264	Jimmy Moreno	Male	Married	
c+2	Skilled Manual	Obrero especializado	Technician	1	2	jueves, 4 de agosto de 2003	Lower Income	5252	Thomas Ramo	Female	Married	
c+2	Skilled Manual	Obrero especializado	Technician	1	2	domingo, 22 de agosto de 2003	Lower Income	5234	Denise Stone	Female	Married	
c+2	Skilled Manual	Obrero especializado	Technician	1	2	jueves, 10 de agosto de 2003	Lower Income	5257	Anna Nath	Male	Married	
c+2	Skilled Manual	Obrero especializado	Technician	1	2	jueves, 4 de agosto de 2003	Lower Income	5251	Thony Gonzalez	Female	Married	
customer1	Skilled Manual	Obrero especializado	Technician	1	2	jueves, 26 de julio de 2003	Higher Income	4430	Jennifer Russell	Female	Married	
new hsc	Clerical	Administrativo	Employed	0	2	miércoles, 24 de julio de 2003	Middle Income	4432	Chico Garcia	Female	Single	
customer1	Clerical	Administrativo	Employed	1	2	miércoles, 20 de agosto de 2003	Middle Income	5245	Alan Smith	Male	Married	
customer1	Skilled Manual	Obrero especializado	Technician	1	2	viernes, 5 de octubre de 2003	Middle Income	4259	Jesse Murphy	Male	Married	
customer1	Skilled Manual	Obrero especializado	Technician	1	2	miércoles, 20 de julio de 2003	Higher Income	4458	Amanda Carter	Female	Married	
customer1	Skilled Manual	Obrero especializado	Technician	1	2	miércoles, 20 de julio de 2003	Higher Income	4452	Shigen Sanchez	Female	Married	
customer1	Skilled Manual	Obrero especializado	Technician	1	2	viernes, 9 de noviembre de 2003	Higher Income	4242	Nathan Simmons	Male	Married	
c+2	Skilled Manual	Obrero especializado	Technician	0	2	viernes, 22 de julio de 2003	Middle Income	4352	Leonard Nara	Male	Single	
c+2	Skilled Manual	Obrero especializado	Technician	1	2	miércoles, 9 de agosto de 2003	Middle Income	5246	Christine Ryan	Female	Married	
c+2	Skilled Manual	Obrero especializado	Technician	0	2	sábado, 5 de agosto de 2003	Middle Income	5248	Julian Ly	Female	Married	
c+2	Skilled Manual	Obrero especializado	Technician	1	2	sábado, 22 de agosto de 2003	Middle Income	5242	Jeremy Powell	Male	Married	
new hsc	Clerical	Administrativo	Employed	1	2	jueves, 10 de septiembre de 2003	Middle Income	4354	Carol Rai	Female	Single	
c+2	Skilled Manual	Obrero especializado	Technician	1	2	miércoles, 20 de agosto de 2003	Middle Income	5252	Alan Wang	Male	Married	
c+2	Skilled Manual	Obrero especializado	Technician	0	2	miércoles, 1 de julio de 2003	Lower Income	4389	David Johnson	Male	Single	
customer1	Clerical	Administrativo	Employed	0	2	sábado, 20 de agosto de 2003	Middle Income	5233	Heidi Lopez	Female	Single	
customer1	Skilled Manual	Obrero especializado	Technician	0	2	sábado, 22 de julio de 2003	Higher Income	4455	Ana Price	Female	Married	
customer1	Skilled Manual	Obrero especializado	Technician	1	2	sábado, 5 de agosto de 2003	Middle Income	5240	Deanna Thomas	Female	Married	
customer1	Skilled Manual	Obrero especializado	Technician	1	2	miércoles, 3 de agosto de 2003	Middle Income	5252	Gilbert Nara	Male	Married	
customer1	Skilled Manual	Obrero especializado	Technician	1	2	jueves, 20 de agosto de 2003	Middle Income	5226	Nichole Nath	Female	Married	
c+2	Management	Gerente	Directivo	1	2	jueves, 25 de agosto de 2003	Higher Income	5238	Carl Anderson	Male	Married	

– Relaciones de las tablas



– Calculo en una columna en la tabla DimProductSubcategory

SubcategoryKey	SubcategoryAlternateKey	SubcategoryName	CategoryKey	MainCategory
1		Mountain Bikes	1	Bikes
2		Road Bikes	1	Bikes
3		Touring Bikes	1	Bikes
4		Handlebars	2	Components
5		Bottom Brackets	2	Components
6		Brakes	2	Components
7		Chains	2	Components
8		Cranksets	2	Components
9		Derailleurs	2	Components
10		Forks	2	Components
11		Headsets	2	Components
12		Mountain Frames	2	Components
13		Pedals	2	Components
14		Road Frames	2	Components
15		Saddles	2	Components
16		Touring Frames	2	Components
17		Wheels	2	Components
18		Bib-Shorts	3	Clothing
19		Caps	3	Clothing
20		Gloves	3	Clothing
21		Jerseys	3	Clothing
22		Shorts	3	Clothing
23		Socks	3	Clothing
24		Tights	3	Clothing
25		Vests	3	Clothing
26		Bike Racks	4	Accessories
27		Bike Stands	4	Accessories
28		Bottles and Cages	4	Accessories
29		Cleaners	4	Accessories
30		Fenders	4	Accessories
31		Helmets	4	Accessories
32		Hydration Packs	4	Accessories
33		Lights	4	Accessories
34		Locks	4	Accessories
35		Panniers	4	Accessories
36		Pumps	4	Accessories
37		Tires and Tubes	4	Accessories

– Calculo en una columna en la tabla DimPromotion

- Calculo en una columna en la tabla FactInternetSales

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