

UNIVERSIDAD PRIVADA DE TACNA



INGENIERIA DE SISTEMAS

TITULO:

**INFORME DE LABORATORIO N03 -Creando un
Reporte Interactivo en Power BI**

CURSO:

INTELIGENCIA DE NEGOCIOS

DOCENTE(ING):

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Alumno:

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(2016055194)

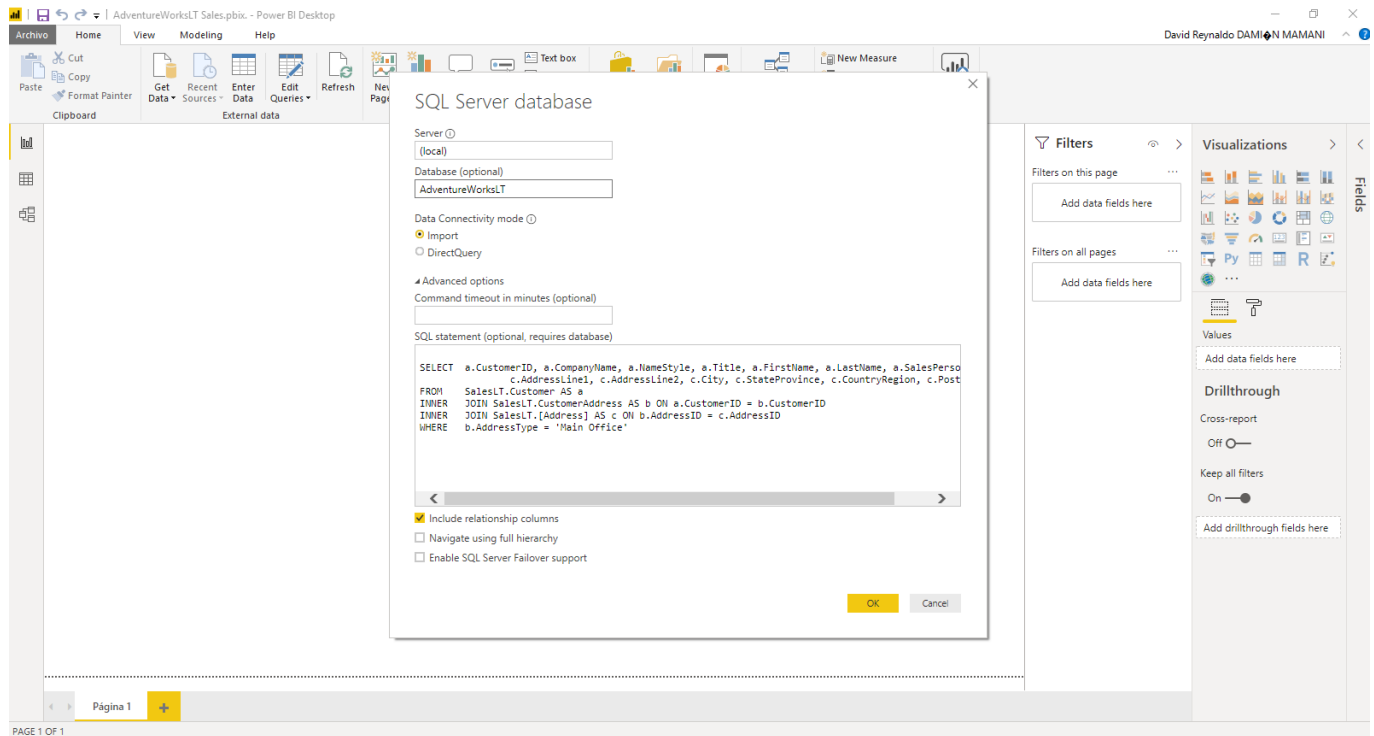
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1. Desarrollo




1.1. Crear Relaciones

- 1. Conectando a Power BI a datos Copiar el script Task 1 del archivo Lab Exercise1.sql. y pegar la consulta en Power BI, en el cuadro sentencia SQL.



Datos Conectados

(local): AdventureWorksLT

CustomerID	CompanyName	NameStyle	Title	FirstName	LastName	SalesPerson	AddressLine1
29485	Professional Sales and Service	FALSE	Ms.	Catherine	Abel	adventure-works\linda3	57251 Serene Blvd
29486	Riders Company	FALSE	Ms.	Kim	Abercrombie	adventure-works\jillian0	Tanger Factory
29489	Area Bike Accessories	FALSE	Ms.	Frances	Adams	adventure-works\shu0	6900 Sisk Road
29490	Bicycle Accessories and Kits	FALSE	Ms.	Margaret	Smith	adventure-works\david8	Lewiston Mall
29492	Valley Bicycle Specialists	FALSE	Mr.	Jay	Adams	adventure-works\jillian0	Blue Ridge Mall
29494	Vinyl and Plastic Goods Corporation	FALSE	Mr.	Samuel	Agcaoili	adventure-works\josé1	No. 25800-130 King Street
29496	Fun Toys and Bikes	FALSE	Mr.	Robert	Ahlering	adventure-works\shu0	6500 East Grant Road
29497	Great Bikes	FALSE	Mr.	François	Ferrier	adventure-works\david8	Eastridge Mall
29499	Valley Toy Store	FALSE	Ms.	Amy	Alberts	adventure-works\josé1	252851 Rowan Place
29502	Major Sport Suppliers	FALSE	Mr.	Paul	Alcorn	adventure-works\david8	White Mountain Mall
29503	Family's Favorite Bike Shop	FALSE	Mr.	Gregory	Alderson	adventure-works\garrett1	25981 College Street
29505	Imported and Domestic Cycles	FALSE	Ms.	Michelle	Alexander	adventure-works\linda3	22589 West Craig Road
29506	Systematic Sales	FALSE	Mr.	Sean	Jacobson	adventure-works\shu0	2551 East Warner Road
29508	Mountain Toy Store	FALSE	Mr.	Marvin	Allen	adventure-works\jillian0	First Colony Mall
29510	Designated Distributors	FALSE	Mr.	Cecil	Allison	adventure-works\josé1	254 Colonnade Road
29511	Bold Bike Accessories	FALSE	Mr.	Oscar	Alpuerto	adventure-works\linda3	Rocky Mountain Pines Out
29515	Serious Cycles	FALSE	Mr.	Maxwell	Amland	adventure-works\garrett1	Suite 99320 255 - 510th A
29517	Novelty Bikes	FALSE	Ms.	Ramona	Antrim	adventure-works\michael9	998 Forest Road
29521	Brightwork Company	FALSE	Mr.	Tom	Johnston	adventure-works\shu0	Belz Factory Outlet
29522	Resale Services	FALSE	Mr.	Thomas	Armstrong	adventure-works\linda3	Fox Hills
 Los datos de la vista previa se han truncado debido a límites de tamaño.							
 							

Cargar

Transformar datos

Cancelar

- 2.Graficar Datos Formula cambiada a English (United States). Todos los script insertados de tal manera que nos da los siguientes valores.

AdventureWorksLT Sales.pbic - Power BI Desktop

David Reynaldo DAMIAN MAMANI

Home Table: Data type: Decimal Number Format: \$ Inglés (Estados Unidos) Default Summarization: Sum

Manage Relationships New Measure Column New Table New Parameter Sort by Column What If Sort

LineTotal = Sales[OrderQty] * Sales[ListPrice]

OrderID	SalesOrderDetailID	MainCategory	SubCategory	ProductID	Product	OrderQty	ListPrice	OrderDate	DueDate	ShipDate	SubTotal	LineTotal
71774	110562	Components	Road Frames	836	ML Road Frame-W - Yellow, 48	1	594.83	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	880.3484	\$594.83
71774	110563	Components	Road Frames	822	ML Road Frame-W - Yellow, 38	1	594.83	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	880.3484	\$594.83
71776	110567	Components	Brakes	907	Rear Brakes	1	106.5	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	78.81	\$106.50
71780	110620	Bikes	Mountain Bikes	990	Mountain-500 Black, 42	1	539.99	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	38418.6895	\$539.99
71780	110621	Components	Mountain Frames	926	LL Mountain Frame - Black, 48	1	249.79	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	38418.6895	\$249.79
71780	110622	Components	Mountain Frames	743	HL Mountain Frame - Black, 42	1	1349.6	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	38418.6895	\$1,349.60
71780	110626	Components	Pedals	937	HL Mountain Pedal	1	80.99	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	38418.6895	\$80.99
71780	110628	Bikes	Mountain Bikes	985	Mountain-500 Silver, 42	1	564.99	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	38418.6895	\$564.99
71780	110631	Bikes	Mountain Bikes	992	Mountain-500 Black, 48	1	539.99	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	38418.6895	\$539.99
71780	110640	Components	Handlebars	810	HL Mountain Handlebars	1	120.27	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	38418.6895	\$120.27
71780	110642	Components	Mountain Frames	925	LL Mountain Frame - Black, 44	1	249.79	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	38418.6895	\$249.79
71780	110644	Accessories	Hydration Packs	880	Hydration Pack - 70 oz.	1	54.99	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	38418.6895	\$54.99
71782	110659	Bikes	Touring Bikes	954	Touring-1000 Yellow, 46	1	2384.07	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$2,384.07
71782	110678	Bikes	Touring Bikes	978	Touring-3000 Blue, 44	1	742.35	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$742.35
71782	110679	Bikes	Touring Bikes	955	Touring-1000 Yellow, 50	1	2384.07	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$2,384.07
71782	110680	Components	Brakes	948	Front Brakes	1	106.5	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$106.50
71782	110681	Components	Bottom Brackets	994	LL Bottom Bracket	1	53.99	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$53.99
71782	110682	Bikes	Touring Bikes	970	Touring-2000 Blue, 46	1	1214.85	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$1,214.85
71782	110688	Bikes	Touring Bikes	957	Touring-1000 Yellow, 60	1	2384.07	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$2,384.07
71782	110694	Bikes	Touring Bikes	963	Touring-3000 Yellow, 54	1	742.35	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$742.35
71782	110695	Bikes	Touring Bikes	953	Touring-2000 Blue, 60	1	1214.85	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$1,214.85
71782	110699	Components	Saddles	916	HL Touring Seat/Saddle	1	52.64	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$52.64
71782	110700	Components	Touring Frames	886	LL Touring Frame - Yellow, 62	1	333.42	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$333.42
71782	110701	Components	Touring Frames	892	HL Touring Frame - Blue, 54	1	1003.91	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$1,003.91
71782	110702	Components	Touring Frames	893	HL Touring Frame - Blue, 60	1	1003.91	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$1,003.91
71782	110705	Clothing	Gloves	859	Half-Finger Gloves, M	1	24.49	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	39785.3304	\$24.49
71783	110719	Components	Handlebars	813	HL Road Handlebars	1	120.27	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	83858.4261	\$120.27
71783	110723	Components	Road Frames	822	ML Road Frame-W - Yellow, 38	1	594.83	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	83858.4261	\$594.83
71783	110724	Bikes	Road Bikes	799	Road-550-W Yellow, 42	1	1120.49	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	83858.4261	\$1,120.49
71783	110735	Bikes	Road Bikes	798	Road-550-W Yellow, 40	1	1120.49	01/06/2008 12:00:00 a.m.	13/06/2008 12:00:00 a.m.	08/06/2008 12:00:00 a.m.	83858.4261	\$1,120.49

TABLE: Sales (542 rows) COLUMN: LineTotal (259 distinct values)

— 3. Combinar Data

Header	Name and status of region	Name and status of region2	ISO	ANSI	ANSI2	USPS	USCG	GPO
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	[Table]	[Table]	[Table]	[Table]	[Table]	[Table]	[Table]	[Table]
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Name and status of region	Name and status of region	ISO	ANSI	ANSI	USPS	USCG	GPO
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr								GPO
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	United States of America	Federal state	US USA 840	US	00			U.S.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Alabama	State	US-AL	AL	01	AL	AL	Ala.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Alaska	State	US-AK	AK	02	AK	AK	Alaska
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Arizona	State	US-AZ	AZ	04	AZ	AZ	Ariz.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Arkansas	State	US-AR	AR	05	AR	AR	Ark.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	California	State	US-CA	CA	06	CA	CF	Calif.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Colorado	State	US-CO	CO	08	CO	CL	Colo.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Connecticut	State	US-CT	CT	09	CT	CT	Conn.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Delaware	State	US-DE	DE	10	DE	DL	Del.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	District of Columbia	Federal district	US-DC	DC	11	DC	DC	D.C.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Florida	State	US-FL	FL	12	FL	FL	Fla.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Georgia	State	US-GA	GA	13	GA	GA	Ga.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Hawaii	State	US-HI	HI	15	HI	HA	Hawaii
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Idaho	State	US-ID	ID	16	ID	ID	Idaho
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Illinois	State	US-IL	IL	17	IL	IL	Ill.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Indiana	State	US-IN	IN	18	IN	IN	Ind.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Iowa	State	US-IA	IA	19	IA	IA	Iowa
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Kansas	State	US-KS	KS	20	KS	KA	Kans.
Codes: ISOISO 3166 codes (2-letter, 3-letter, and 3-digit codes fr	Kentucky	State (Commonwealth)	US-KY	KY	21	KY	KY	Ky.

1.2. Construyendo Reportes en Power BI

— 1. Crear un Gráfico

