

ORACLE SQL

Assignment

FEBRUARY 12, 2024
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Assignments on Northwind

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[illegible]

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Count the total number of orders for each product category, subtotaled by year, and provide a grand total:

Categoryname	orderyear	Total Orders
Beverages	1996	78
Beverages	1997	176
Beverages	1998	150
Beverages	Null	404
Condiments	1996	39
Condiments	1997	106
Condiments	1998	71
Condiments	Null	216
Confections	1996	59
Confections	1997	171
Confections	1998	104
Confections	Null	334
Dairy Products	1996	81
Dairy Products	1997	182
Dairy Products	1998	103
Dairy Products	Null	366
Grains/Cereals	1996	29
Grains/Cereals	1997	105
Grains/Cereals	1998	62
Grains/Cereals	Null	196
Meat/Poultry	1996	37
Meat/Poultry	1997	90
Meat/Poultry	1998	46
Meat/Poultry	Null	173
Produce	1996	26
Produce	1997	67
Produce	1998	43
Produce	Null	136
Seafood	1996	56
Seafood	1997	162
Seafood	1998	112
Seafood	Null	330
Null	1996	405
Null	1997	1059
Null	1998	691
Null	Null	2155

8

Calculate the total sales amount for each shipper, subtotaled by region, and a grand total

SHIPPER	REGION	TOTALSALESAMOUNT
Federal Shipping	Lara	5082.4
United Package	Co. Cork	37216.24
Speedy Express	Co. Cork	8357.6
United Package	Québec	23285.5
Federal Shipping	Co. Cork	11743.55
United Package	BC	5665.3
Federal Shipping	Québec	6220.9
United Package	ID	46780.3
United Package	AK	2320.5
Federal Shipping	Isle of Wight	1151
Speedy Express	BC	3080.3
United Package	CA	3490.02
Speedy Express	Québec	2697.5
United Package	MT	1393.24
Federal Shipping	WY	439
Federal Shipping	MT	326
Speedy Express	(null)	373983.19
United Package	(null)	572724.58
Federal Shipping	(null)	407750.82
(null)	(null)	1354458.59

9

Count the total number of orders for each customer, subtotaled by month, and provide a grand total

CUSTOMERID	ORDERMONTH	TOTALORDERS
QUEEN	9	1
FURIB	9	1
WILMK	10	1
LINOD	11	1
CHOPS	11	2
HUNGO	11	1
RATTC	12	1
OTTIK	12	1
LEHMS	12	1
GROSR	12	1
ISLAT	12	1
HUNGO	(null)	19
WHITC	(null)	14
TORTU	(null)	10
CHOPS	(null)	8
LILAS	(null)	14
LAZYK	(null)	2
TOMSP	(null)	6

10

Calculate the total sales amount for each product, subtotaled by country, and provide a grand total

	PRODUCTNAME	COUNTRY	TOTALSALESAMOUNT										
	Gnocchi di nonna Alice	USA	13740.8										
	Zaanse koeken	France	513										
	Gudbrandsdalsost	France	2268										
	Raclette Courdavault	USA	14080										
	Wimmers gute Semmelknödel	USA	3458										
	Filo Mix	Switzerland	420										
	Zaanse koeken	Sweden	1149.5										
	Uncle Bob's Organic Dried Pears	Germany	5700										
	Rhönbräu Klosterbier	Austria	441.75										
	Manjimup Dried Apples	Austria	6360										
	Original Frankfurter grüne Soße	Venezuela	546										
	Tourtière	Finland	22.35										
	Côte de Blaye	Brazil	26613.5										
	Nord-Ost Matjeshering	Brazil	2511.33										
	Thüringer Rostbratwurst	France	7673.86										
	Rhönbräu Klosterbier	Germany	1174.9										
	Uncle Bob's Organic Dried Pears	Brazil	90										
	Gula Malacca	Venezuela	194.5										
	Wimmers gute Semmelknödel	Venezuela	1429.75										
	Queso Cabrales	UK	1365										
11	Calculate the total sales amount for each product category and year												
	CATEGORYNAME	1996	1997	1998	1999	2000							
	Beverages	53879.2	110424	122223.75	(null)	(null)							
	Condiments	19458.3	59679	34557.45	(null)	(null)							
	Confections	31511.6	87227.77	58359.73	(null)	(null)							
	Dairy Products	44615.8	123910.8	82803.9	(null)	(null)							
	Grains/Cereals	9817.6	60486.95	30422.25	(null)	(null)							
	Meat/Poultry	30292.2	87621.03	60275.57	(null)	(null)							
	Produce	15134.2	57718.55	32415.85	(null)	(null)							
12	Calculate the total quantity sold for each product category and month												
	CATEGORYNAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	Beverages	952	1054	1396	1360	543	313	599	681	459	792	580	803
	Condiments	540	682	528	705	359	95	439	360	332	453	466	339
	Confections	1106	857	1145	832	470	107	455	505	619	577	522	711
	Dairy Products	1070	694	892	1236	529	405	678	506	575	789	716	1059
	Grains/Cereals	776	427	363	537	285	292	326	215	294	268	449	330
	Meat/Poultry	352	682	194	498	264	130	255	216	276	531	233	568
	Produce	182	140	473	553	116	149	211	141	105	266	144	510
13	Count the total number of orders for each shipper and country												
	SHIPPER	'USA'	'Canada'	'UK'	'Germany'	'France'							
	Federal Shipping	1	1	1	1	1							
	Speedy Express	1	1	1	1	1							
	United Package	1	1	1	1	1							
14	Calculate the total sales amount for each employee and year												

EMPLOYEEID	1996	1997	1998
1	38789	97533.58	65821.13
2	22834.7	74958.6	79955.96
3	19231.8	111788.61	82030.89
4	53114.8	139477.7	57594.95
5	21965.2	32595.05	21007.5
6	17731.1	45992	14475
7	18104.8	66689.14	56502.05
8	23161.4	59776.52	50363.11
9	11365.7	29577.55	42020.75

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Count the total number of orders for each customer and year

CUSTOMERID	1996	1997	1998	1999	2000
ALFKI	0	1	1	0	0
ANATR	1	1	1	0	0
ANTON	1	1	1	0	0
AROUT	1	1	1	0	0
BERGS	1	1	1	0	0
BLAUS	0	1	1	0	0
BLONP	1	1	1	0	0
BOLID	1	1	1	0	0
BONAP	1	1	1	0	0
BOTTM	1	1	1	0	0
BSBEV	1	1	1	0	0
CACTU	0	1	1	0	0
CENTC	1	0	0	0	0
CHOPS	1	1	1	0	0
COMMI	1	1	1	0	0
CONSH	0	1	1	0	0
DRACD	1	1	1	0	0
DUMON	1	1	1	0	0