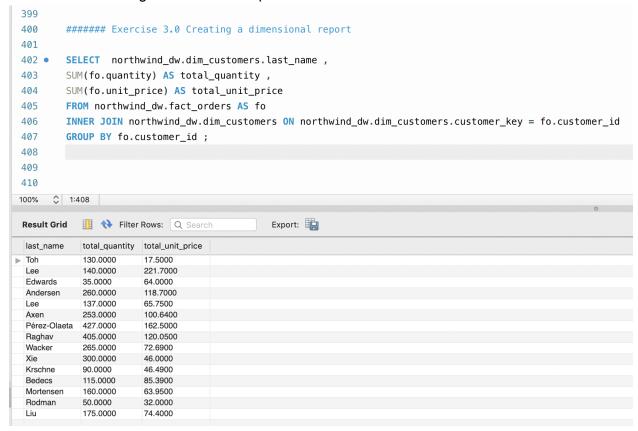
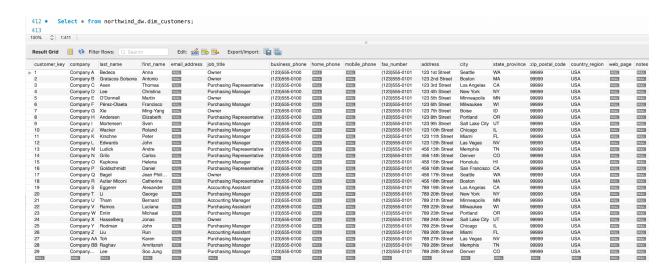
# Parker Driscoll EQL Lab and OLAP

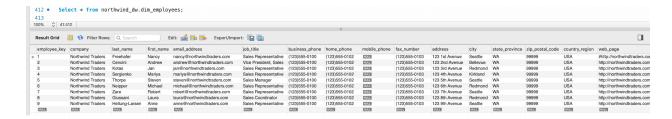
#### Exercise 3.0 Creating a dimensional report



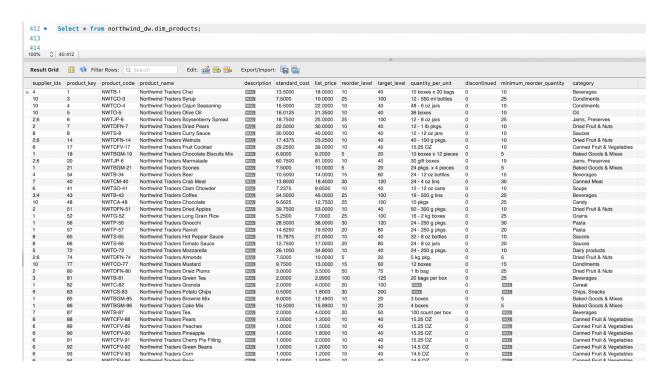
#### Northwind dw.dim customers table



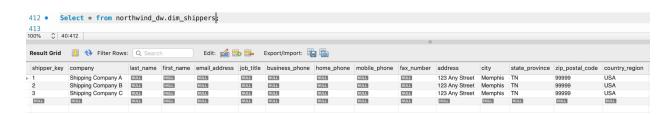
## Northwind\_dw.dim\_employees table



## Northwind\_dw.dim\_products table



#### Northwind dw.dim shippers table



# Northwind\_dw.fact\_orders table

112 •	Select *		_																			
113																						
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order_id	employee_id	customer_id	product_id	shipper_id	ship_name	ship_address	ship_city	ship_st	ship_zip	ship_cou	quantity	order_date	shipped_date	unit_price	discount	shipping_fee	taxes	payment_type	paid_date	tax_rate	order_status	order_details_sta
30	9	27	34	2	Karen Toh	789 27th Street	Las Vegas	NV	99999	USA	100.0000	2006-01-15	2006-01-22 00:00:00	14.0000	0	200.0000	0.0000	Check	2006-01-15 00:00:00	0	Closed	Invoiced
30	9	27	80	2	Karen Toh	789 27th Street	Las Vegas	NV	99999	USA	30.0000	2006-01-15	2006-01-22 00:00:00	3.5000	0	200.0000	0.0000	Check	2006-01-15 00:00:00	0	Closed	Invoiced
31	3	4	7	1	Christina Lee	123 4th Street	New York	NY	99999	USA	10.0000	2006-01-20	2006-01-22 00:00:00	30.0000	0	5.0000	0.0000	Credit Card	2006-01-20 00:00:00	0	Closed	Invoiced
31	3	4	51	1	Christina Lee	123 4th Street	New York	NY	99999	USA	10.0000	2006-01-20	2006-01-22 00:00:00	53.0000	0	5.0000	0.0000	Credit Card	2006-01-20 00:00:00	0	Closed	Invoiced
31	3	4	80	1	Christina Lee	123 4th Street	New York	NY	99999	USA	10.0000	2006-01-20	2006-01-22 00:00:00	3.5000	0	5.0000	0.0000	Credit Card	2006-01-20 00:00:00	0	Closed	Invoiced
32	4	12	1	2	John Edwards	123 12th Street	Las Vegas	NV	99999	USA	15.0000	2006-01-22	2006-01-22 00:00:00	18.0000	0	5.0000	0.0000	Credit Card	2006-01-22 00:00:00	0	Closed	Invoiced
32	4	12	43	2	John Edwards	123 12th Street	Las Vegas	NV	99999	USA	20.0000	2006-01-22	2006-01-22 00:00:00	46.0000	0	5.0000	0.0000	Credit Card	2006-01-22 00:00:00	0	Closed	Invoiced
33	6	8	19	3	Elizabeth Andersen	123 8th Street	Portland	OR	99999	USA	30.0000	2006-01-30	2006-01-31 00:00:00	9.2000	0	50.0000	0.0000	Credit Card	2006-01-30 00:00:00	0	Closed	Invoiced
34	9	4	19	3	Christina Lee	123 4th Street	New York	NY	99999	USA	20.0000	2006-02-06	2006-02-07 00:00:00	9.2000	0	4.0000	0.0000	Check	2006-02-06 00:00:00	0	Closed	Invoiced
35	3	29	48	2	Soo Jung Lee	789 29th Street	Denver	CO	99999	USA	10.0000	2006-02-10	2006-02-12 00:00:00	12.7500	0	7.0000	0.0000	Check	2006-02-10 00:00:00	0	Closed	Invoiced
36	4	3	41	2	Thomas Axen	123 3rd Street	Los Ange	. CA	99999	USA	200.0000	2006-02-23	2006-02-25 00:00:00	9.6500	0	7.0000	0.0000	Cash	2006-02-23 00:00:00	0	Closed	Invoiced
37	8	6	8	2	Francisco Pérez-Ol	. 123 6th Street	Milwaukee	WI	99999	USA	17.0000	2006-03-06	2006-03-09 00:00:00	40.0000	0	12.0000	0.0000	Credit Card	2006-03-06 00:00:00	0	Closed	Invoiced
38	9	28	43	3	Amritansh Raghav	789 28th Street	Memphis	TN	99999	USA	300.0000	2006-03-10	2006-03-11 00:00:00	46.0000	0	10.0000	0.0000	Check	2006-03-10 00:00:00	0	Closed	Invoiced
39	3	8		3	Elizabeth Andersen	123 8th Street	Portland	OR	99999	USA	100.0000	2006-03-22	2006-03-24 00:00:00	12.7500	0	5.0000	0.0000	Check	2006-03-22 00:00:00	0	Closed	Invoiced
40	4	10	81	2	Roland Wacker	123 10th Street	Chicago	IL	99999	USA	200.0000	2006-03-24	2006-03-24 00:00:00	2.9900	0	9.0000	0.0000	Credit Card	2006-03-24 00:00:00	0	Closed	Invoiced
41	1	7	43	NULL	Ming-Yang Xie	123 7th Street	Boise	ID	99999	USA	300.0000	2006-03-24	NULL	46.0000	0	0.0000	0.0000	NULL	MULL	0	New	Allocated
42	1	10	6	1	Roland Wacker	123 10th Street	Chicago	IL	99999	USA	10.0000	2006-03-24	2006-04-07 00:00:00	25.0000	0	0.0000	0.0000	NULL	MULL	0	Shipped	Invoiced
42	1	10	4	1	Roland Wacker	123 10th Street	Chicago	IL.	99999	USA	10.0000	2006-03-24	2006-04-07 00:00:00	22.0000	0	0.0000	0.0000	NULL	MULL	0	Shipped	Invoiced
42	1	10	19	1	Roland Wacker	123 10th Street	Chicago	IL	99999	USA	10.0000	2006-03-24	2006-04-07 00:00:00	9.2000	0	0.0000	0.0000	NULL	MULL	0	Shipped	Invoiced
43	1	11	80	3	Peter Krschne	123 11th Street	Miami	FL	99999	USA	20.0000	2006-03-24	HULL	3.5000	0	0.0000	0.0000	NUCL	MULL	0	New	Allocated
43	1	11	81		Peter Krschne	123 11th Street	Miami	FL	99999	USA	50.0000	2006-03-24	NULL	2.9900	0	0.0000	0.0000	NULL	MULL	0	New	Allocated
44	1	1	1		Anna Bedecs	123 1st Street	Seattle	WA	99999	USA	25.0000	2006-03-24	HULL	18.0000	0	0.0000	0.0000	NUCL	HULL	0	New	Allocated
44	1	1	43		Anna Bedecs	123 1st Street	Seattle	WA	99999	USA	25.0000	2006-03-24	NULL	46.0000	0	0.0000	0.0000	NULL	MULL	0	New	Allocated
44	1	1	81	MULL	Anna Bedecs	123 1st Street	Seattle	WA	99999	USA	25.0000	2006-03-24	HULL	2.9900	0	0.0000	0.0000	NUCL	MULL	0	New	Allocated
45	1	28			Amritansh Raghav	789 28th Street	Memphis	TN	99999	USA	50.0000	2006-04-07	2006-04-07 00:00:00	9.6500	0	40.0000	0.0000	Credit Card	2006-04-07 00:00:00	0	Closed	Invoiced
45	1	28	40		Amritansh Raghav	789 28th Street	Memphis	TN	99999	USA	50.0000	2006-04-07	2006-04-07 00:00:00	18.4000	0	40.0000	0.0000	Credit Card	2006-04-07 00:00:00	0	Closed	Invoiced
46	7	9	57	1	Sven Mortensen	123 9th Street	Salt Lake	.UT	99999	USA	100.0000	2006-04-05	2006-04-05 00:00:00	19.5000	0	100.0000	0.0000	Check	2006-04-05 00:00:00	0	Closed	Invoiced
46	7	9	72	1	Sven Mortensen	123 9th Street	Salt Lake		99999	USA	50.0000	2006-04-05	2006-04-05 00:00:00	34.8000	0	100.0000	0.0000	Check	2006-04-05 00:00:00	0	Closed	Invoiced
47	6	6			Francisco Pérez-Ol	. 123 6th Street	Milwaukee		99999	USA	300.0000	2006-04-08	2006-04-08 00:00:00	14.0000	0	300.0000	0.0000	Credit Card	2006-04-08 00:00:00	0	Closed	Invoiced
48	4	8			Elizabeth Andersen	123 8th Street	Portland	OR	99999	USA	25.0000	2006-04-05	2006-04-05 00:00:00	40.0000	0	50.0000	0.0000	Check	2006-04-05 00:00:00	0	Closed	Invoiced
48	4	8		2	Elizabeth Andersen	123 8th Street	Portland	OR	99999	USA	25.0000	2006-04-05	2006-04-05 00:00:00	9.2000	0	50.0000	0.0000	Check	2006-04-05 00:00:00	0	Closed	Invoiced
50	9	25	21	1	John Rodman	789 25th Street	Chicago	IL.	99999	USA	20.0000	2006-04-05	2006-04-05 00:00:00	10.0000	0	5.0000	0.0000	Cash	2006-04-05 00:00:00	0	Closed	Invoiced
51	9	26			Run Liu	789 26th Street	Miami	FL	99999	USA	25.0000	2006-04-05	2006-04-05 00:00:00	21.3500	0	60.0000	0.0000	Credit Card	2006-04-05 00:00:00	0	Closed	Invoiced
51	9	26	41		Run Liu	789 26th Street	Miami	FL	99999	USA	30.0000	2006-04-05	2006-04-05 00:00:00	9.6500	0	60.0000	0.0000	Credit Card	2006-04-05 00:00:00	0	Closed	Invoiced
51	9	26	40		Run Liu	789 26th Street	Miami	FL	99999	USA	30.0000	2006-04-05	2006-04-05 00:00:00	18.4000	0	60.0000	0.0000	Credit Card	2006-04-05 00:00:00	0	Closed	Invoiced
6	2	6	48		Francisco Pérez-OI		Milwaukee		99999	USA	10.0000	2006-04-03	2006-04-03 00:00:00	12.7500	0	0.0000	0.0000	Check	2006-04-03 00:00:00	0	Closed	Invoiced
55	1	29	34		Soo Jung Lee	789 29th Street	Denver	CO	99999	USA	87.0000	2006-04-05	2006-04-05 00:00:00	14.0000	0	200.0000	0.0000	Check	2006-04-05 00:00:00	0	Closed	Invoiced
19	2	6	7		Francisco Pérez-Ol	. 123 6th Street	Milwaukee		99999	USA	30.0000	2006-06-23	2006-06-23 00:00:00	30.0000	0	0.0000	0.0000	Check	2006-06-23 00:00:00	0	Closed	Invoiced
79	2	6	51		Francisco Pérez-Ol		Milwaukee		99999	USA	30.0000	2006-06-23	2006-06-23 00:00:00	53.0000	0	0.0000	0.0000	Check	2006-06-23 00:00:00	0	Closed	Invoiced
78	1	29	17	2	Soo Jung Lee	789 29th Street	Denver	CO	99999	USA	40.0000	2006-06-05	2006-06-05 00:00:00	39.0000	0	200.0000	0.0000	Check	2006-06-05 00:00:00	0	Closed	Invoiced
77	9	26	6	3	Run Liu	789 26th Street	Miami	FL	99999	USA	90.0000	2006-06-05	2006-06-05 00:00:00	25.0000	0	60.0000	0.0000	Credit Card	2006-06-05 00:00:00	0	Closed	Invoiced
76	9	25	4	1	John Rodman	789 25th Street	Chicago	IL	99999	USA	30.0000	2006-06-05	2006-06-05 00:00:00	22.0000	0	5.0000	0.0000	Cash	2006-06-05 00:00:00	0	Closed	Invoiced
75	4	8	48	2	Elizabeth Andersen	123 8th Street	Portland	OR	99999	USA	40.0000	2006-06-05	2006-06-05 00:00:00	12.7500	0	50.0000	0.0000	Check	2006-06-05 00:00:00	0	Closed	Invoiced