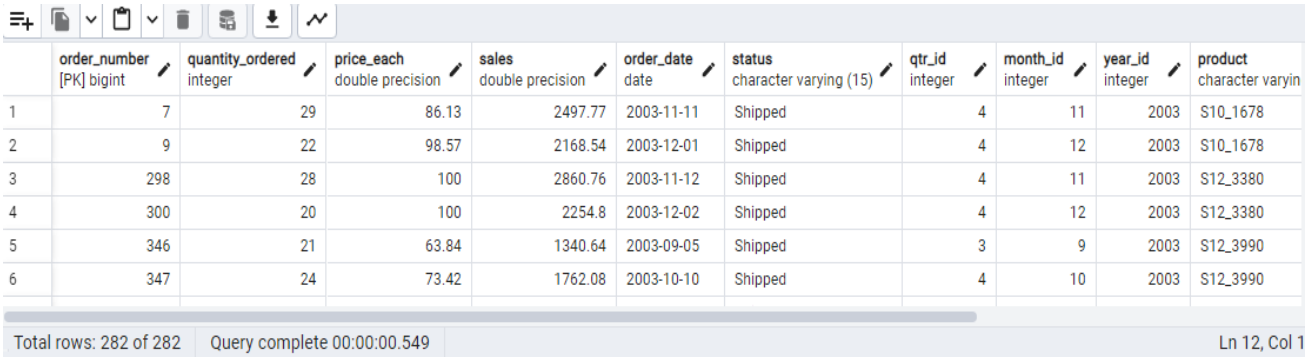
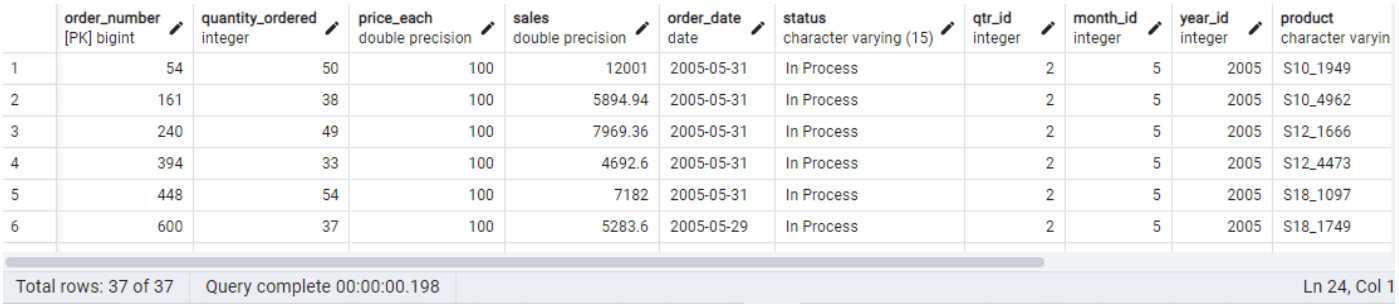
1) Fetch all the small shipped ORDERS from August 2003 till the end of year 2003.



	order_number [PK] bigint	quantity_ordered integer	price_each double precision	sales double precision	order_date date	status character varying (15)	qtr_id integer	month_id integer	year_id integer	product character varyin
1	7	29	86.13	2497.77	2003-11-11	Shipped	4	11	2003	S10_1678
2	9	22	98.57	2168.54	2003-12-01	Shipped	4	12	2003	S10_1678
3	298	28	100	2860.76	2003-11-12	Shipped	4	11	2003	S12_3380
4	300	20	100	2254.8	2003-12-02	Shipped	4	12	2003	S12_3380
5	346	21	63.84	1340.64	2003-09-05	Shipped	3	9	2003	S12_3990
6	347	24	73.42	1762.08	2003-10-10	Shipped	4	10	2003	S12_3990

Total rows: 282 of 282 | Query complete 00:00:00.549 | Ln 12, Col 1

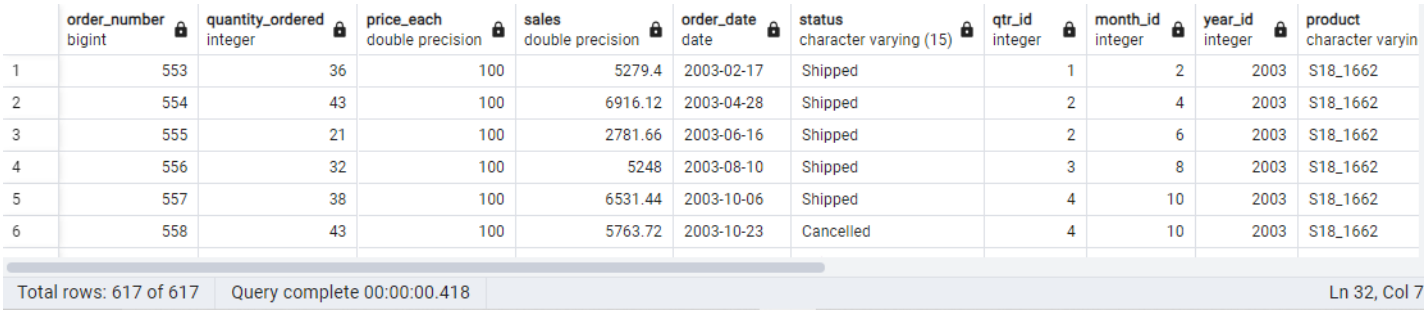
--2) Find all the orders which do not belong to customers from USA and are still in process.



	order_number [PK] bigint	quantity_ordered integer	price_each double precision	sales double precision	order_date date	status character varying (15)	qtr_id integer	month_id integer	year_id integer	product character varyin
1	54	50	100	12001	2005-05-31	In Process	2	5	2005	S10_1949
2	161	38	100	5894.94	2005-05-31	In Process	2	5	2005	S10_4962
3	240	49	100	7969.36	2005-05-31	In Process	2	5	2005	S12_1666
4	394	33	100	4692.6	2005-05-31	In Process	2	5	2005	S12_4473
5	448	54	100	7182	2005-05-31	In Process	2	5	2005	S18_1097
6	600	37	100	5283.6	2005-05-29	In Process	2	5	2005	S18_1749

Total rows: 37 of 37 | Query complete 00:00:00.198 | Ln 24, Col 1

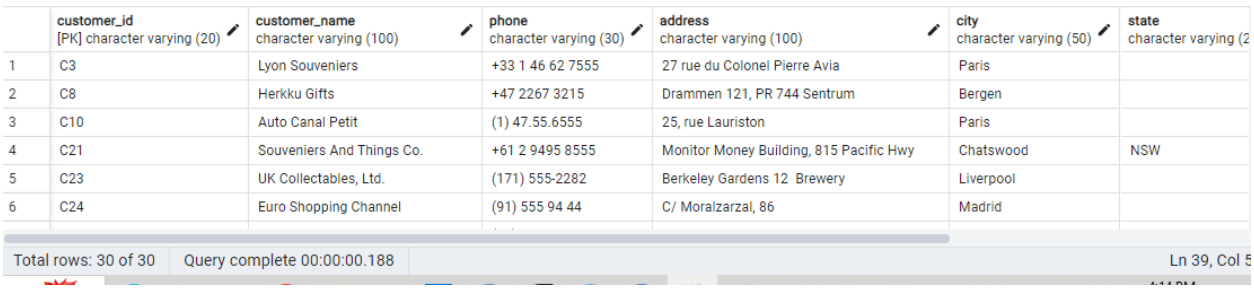
3) Find all orders for Planes, Ships and Trains which are neither Shipped nor In Process nor Resolved.



	order_number bigint	quantity_ordered integer	price_each double precision	sales double precision	order_date date	status character varying (15)	qtr_id integer	month_id integer	year_id integer	product character varyin
1	553	36	100	5279.4	2003-02-17	Shipped	1	2	2003	S18_1662
2	554	43	100	6916.12	2003-04-28	Shipped	2	4	2003	S18_1662
3	555	21	100	2781.66	2003-06-16	Shipped	2	6	2003	S18_1662
4	556	32	100	5248	2003-08-10	Shipped	3	8	2003	S18_1662
5	557	38	100	6531.44	2003-10-06	Shipped	4	10	2003	S18_1662
6	558	43	100	5763.72	2003-10-23	Cancelled	4	10	2003	S18_1662

Total rows: 617 of 617 | Query complete 00:00:00.418 | Ln 32, Col 7

4) Find customers whose phone number has either parenthesis "()" or a plus sign "+".



	customer_id [PK] character varying (20)	customer_name character varying (100)	phone character varying (30)	address character varying (100)	city character varying (50)	state character varying (2
1	C3	Lyon Souveniers	+33 1 46 62 7555	27 rue du Colonel Pierre Avia	Paris	
2	C8	Herkku Gifts	+47 2267 3215	Drammen 121, PR 744 Sentrum	Bergen	
3	C10	Auto Canal Petit	(1) 47.55.6555	25, rue Lauriston	Paris	
4	C21	Souveniers And Things Co.	+61 2 9495 8555	Monitor Money Building, 815 Pacific Hwy	Chatswood	NSW
5	C23	UK Collectables, Ltd.	(171) 555-2282	Berkeley Gardens 12 Brewery	Liverpool	
6	C24	Euro Shopping Channel	(91) 555 94 44	C/ Moralzarzal, 86	Madrid	

Total rows: 30 of 30 | Query complete 00:00:00.188 | Ln 39, Col 5

--5) Find customers whose phone number does not have any space.

	customer_id [PK] character varying (20)	customer_name character varying (100)	phone character varying (30)	address character varying (100)	city character varying (50)	state character varying (20)	postal_code character var
1	C1	Land of Toys Inc.	2125557818	897 Long Airport Avenue	NYC	NY	10022
2	C2	Reims Collectables	26.47.1555	59 rue de l'Abbaye	Reims		51100
3	C4	Toys4GrownUps.com	6265557265	78934 Hillside Dr.	Pasadena	CA	90003
4	C5	Corporate Gift Ideas Co.	6505551386	7734 Strong St.	San Francisco	CA	[null]
5	C6	Technics Stores Inc.	6505556809	9408 Furth Circle	Burlingame	CA	94217
6	C7	Daedalus Designs Imports	20.16.1555	184, chausse de Tournai	Lille		59000

Total rows: 54 of 54 Query complete 00:00:00.234 Ln 48, Col

--6) Fetch all the orders between Feb 2003 and May 2003 where the quantity ordered was an even number.

	order_number [PK] bigint	quantity_ordered integer	price_each double precision	sales double precision	order_date date	status character varying (15)
1	1	30	95.7	2871	2003-02-24	Shipped
2	2	34	81.35	2765.9	2003-05-07	Shipped
3	29	38	100	7329.06	2003-05-28	Shipped
4	82	46	100	9264.86	2003-04-29	Shipped
5	107	50	100	7208	2003-02-11	Shipped
6	108	46	100	5004.8	2003-04-28	Shipped

--7) Find orders which sold the product for price higher than its original price.

	order_number bigint	price_each double precision	price double precision	product_line character varying (50)	product_code character varying (20)
1	1	95.7	95	Motorcycles	S10_1678
2	5	100	95	Motorcycles	S10_1678
3	6	96.66	95	Motorcycles	S10_1678
4	8	100	95	Motorcycles	S10_1678
5	9	98.57	95	Motorcycles	S10_1678
6	10	100	95	Motorcycles	S10_1678
7	11	100	95	Motorcycles	S10_1678

Total rows: 843 of 843 Query complete 00:00:00.239

8) Find the average sales order price

	avg_sales numeric
1	3553.89

--9) Count total no of orders.

	total_orders bigint
1	2823

--10) Find the total quantity sold.

	total_items_sold bigint
1	99067

--11) Fetch the first order date and the last order date.

	first_order_date date	last_order_date date
1	2003-01-06	2005-05-31

--12) Find the average sales order price based on deal size.

	deal_size character varying (10)	avg_sales double precision
1	Small	2061.68280031201
2	Large	8293.753248407647
3	Medium	4398.433699421969

--13) Find total no of orders per each day. Sort data based on highest orders.

	order_date date	no_of_orders bigint
1	2003-11-14	38
2	2004-11-24	35
3	2003-11-12	34
4	2004-11-17	32
5	2004-11-04	29
6	2004-10-16	28
7	2003-12-02	28

Total rows: 252 of 252 Query com

--14) Display the total sales figure for each quarter. Represent each quarter with their respective period.

	qtr_id integer	quarter text	total_sales double precision
1	1	JAN-MAR	2350817.7300000004
2	3	JUL-SEP	1758910.8099999994
3	4	[null]	3874780.01
4	2	APR-JUN	2048120.2999999986

--15) Identify how many cars, Motorcycles, trains and ships are available in the inventory. Treat all type of cars as just "Cars".

	vehicles character varying	count bigint
1	Trains	3
2	Motorcycles	13
3	Cars	61
4	Ships	9

--16) Identify the vehicles in the inventory which are short in number. Shortage of vehicle is considered when there are less than 10 vehicles.

	product_line character varying (50)	count bigint
1	Trains	3
2	Ships	9

--17) Find the countries which have purchased more than 10 motorcycles.

	product_line character varying (50)	country character varying (30)	count bigint
1	Motorcycles	USA	149
2	Motorcycles	France	68
3	Motorcycles	Australia	26
4	Motorcycles	Spain	19
5	Motorcycles	Norway	14
6	Motorcycles	Finland	13

--18) Find the orders where the sales amount is incorrect.

	order_number [PK] bigint	sales numeric	calc_amt numeric
1	5	5205.27	4900.00
2	8	5512.32	4800.00
3	10	4708.44	4100.00
4	11	3965.66	3700.00
5	12	2333.12	2300.00
6	13	3188.64	2800.00
7	14	3676.76	3400.00

Total rows: 1000 of 1304 Query complete 00

--19) Fetch the total sales done for each day.

	order_date date	sales numeric
1	2004-11-24	137644.72
2	2003-11-14	131236
3	2003-11-06	114456.85
4	2003-11-12	111156.73
5	2003-12-02	109432.27
6	2004-11-05	106240.69
7	2004-11-04	105074.98

Total rows: 252 of 252 Query

--20) Fetch the top 3 months which have been doing the lowest sales.

	to_char text	sales numeric
1	Jun	454756.78
2	Jul	514875.97
3	Sep	584724.27

--21) Find total no of orders per each day of the week (monday to sunday). Sort data based on highest orders

	extract numeric	no_of_orders bigint
1	1	366
2	2	515
3	3	562
4	4	538
5	5	598
6	6	123
7	7	121

--22) Find out the vehicles which was sold the most and which was sold the least. Output should be a single record which 2 columns. One column for most sold vehicle and other for least sold vehicle.

	most_sold_vehicle text	least_sold_vehicle text
1	Classic Cars (33992)	Trains (2712)

--23) Display the total sales figure for each quarter. Represent each quarter with their respective period.

	total_sales double precision	period text
1	2350817.7300000004	JAN-MAR
2	1758910.8099999994	JUL-SEP
3	3874780.01	OCT-DEC
4	2048120.2999999986	APR-JUN

--24) Find the most profitable orders. Most profitable orders are those whose sale price exceeded the

--average sale price for each city and whose deal size is not small.

	order_number bigint	sales double precision	city character varying (50)	average double precision
1	3	3884.34	Paris	3842.066857142857
2	4	3746.7	Pasadena	3485.398666666666
3	5	5205.27	San Francisco	3618.6883870967745
4	8	5512.32	Bergen	3849.6648275862067
5	10	4708.44	Paris	3842.066857142857
6	11	3965.66	Melbourne	3654.4619999999995
7	15	4177.35	Nantes	3405.0809999999997
Total rows: 1000 of 1175		Query complete 00:00:00.197		

25) Find the difference in average sales for each month of 2003 and 2004.

	months text	abs double precision
1	JUL	159.64760000000206
2	JUN	281.33081329923243
3	APR	254.96234913793023
4	DEC	351.9771948051962
5	MAY	373.1632059645867
6	OCT	119.26728484993237
7	FEB	186.1283011911496

Total rows: 12 of 12 Query complete