

Don't Limit

```

1  /*All customers from California, ordered by last name*/
2  • use bikes;
3  • select * from customers
4  where state = "CA"
5  order by last_name;
6
7  /*List all products with a price greater than 500, grouped by brand*/
8  • SELECT brand_id, COUNT(*) AS product_count
9  FROM products
10 WHERE list_price > 500
11 GROUP BY brand_id;
12

```

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: [A](#)

	customer_id	first_name	last_name	phone	email	street	city	state	zip_code
▶	30	Jamaal	Albert	NULL	jamaal.albert@gmail.com	853 Stonybrook Street	Torrance	CA	90505
	191	Graciela	Barber	(805) 656-6987	graciela.barber@hotmail.com	1 E. Young St.	Oxnard	CA	93035
	104	Katharina	Bates	NULL	katharina.bates@gmail.com	54 South Greenview Drive	Campbell	CA	95008
	46	Monika	Berg	NULL	monika.berg@gmail.com	369 Vernon Dr.	Encino	CA	91316
	138	Jone	Bernard	(657) 536-5165	jone.bernard@hotmail.com	99 Longbranch Court	Anaheim	CA	92806
	81	Zina	Bonner	NULL	zina.bonner@hotmail.com	9312 8th Street	San Lorenzo	CA	94580
	124	Jeni	Booker	NULL	jeni.booker@gmail.com	546 Railroad Dr.	South El Monte	CA	91733
	244	Jessika	Bray	NULL	jessika.bray@yahoo.com	37 East Greystone St.	San Pablo	CA	94806
	165	Jeromy	Burch	(408) 955-8238	jeromy.burch@msn.com	889 Mulberry Street	San Jose	CA	95127
	278	Myesha	Burgess	NULL	myesha.burgess@gmail.com	306 Trenton Rd.	Campbell	CA	95008
	33	Deloris	Burke	NULL	deloris.burke@hotmail.com	895 Edgemont Drive	Palos Verdes ...	CA	90274
	40	Ronna	Butler	NULL	ronna.butler@gmail.com	9438 Plymouth Court	Encino	CA	91316
	282	Randolph	Chase	NULL	randolph.chase@yahoo.com	828 Bridle Ave.	San Lorenzo	CA	94580
	217	Carline	Collier	(559) 810-6070	carline.collier@msn.com	28 Trenton Lane	Fresno	CA	93706
	151	Joesph	Delacruz	NULL	joesph.delacruz@aol.com	184 Cypress Street	Atwater	CA	95301
	240	Le	Deleon	NULL	le.deleon@msn.com	58 Clark Court	Banning	CA	92220

customers 8 x

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```

7  /*List all products with a price greater than 500, grouped by brand*/
8  • SELECT brand_id, COUNT(*) AS product_count
9  FROM products
10 WHERE list_price > 500
11 GROUP BY brand_id;
12
13 /*Count orders made by each customer*/
14 • SELECT customer_id, COUNT(*) AS total_orders
15 FROM orders
16 GROUP BY customer_id;
17
18 /*Orders with the names of the customers who placed them*/

```

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: [A](#)

	brand_id	product_count
▶	5	1
	8	10
	9	23
	3	1
	1	7
	7	4
	2	5

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```

13  /*Count orders made by each customer*/
14  • SELECT customer_id, COUNT(*) AS total_orders
15     FROM orders
16     GROUP BY customer_id;
17
18  /*Orders with the names of the customers who placed them*/
19  • SELECT o.order_id, c.first_name, c.last_name
20     FROM orders o
21     INNER JOIN customers c ON o.customer_id = c.customer_id;
22
23  /*Show all products and their stock levels*/
24  • SELECT p.product_name, s.quantity

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	customer_id	total_orders
▶	259	1
	1212	1
	523	1
	175	1
	1324	1
	94	1
	324	1
	1204	1
	60	1
	442	1
	1326	1
	91	1
	873	1
	258	1
	450	1
	552	1

```

18  /*Orders with the names of the customers who placed them*/
19  • SELECT o.order_id, c.first_name, c.last_name
20     FROM orders o
21     INNER JOIN customers c ON o.customer_id = c.customer_id;
22
23  /*Show all products and their stock levels*/
24  • SELECT p.product_name, s.quantity
25     FROM products p
26     LEFT JOIN stocks s ON p.product_id = s.product_id;
27

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	order_id	first_name	last_name
	70	Cleotilde	Booth
	27	Pamala	Henry
	9	Neil	Mccall
	34	Sarai	Mckee
	12	Marvin	Mullins
	6	Sharyn	Hopkins
	60	Joesph	Delacruz
	37	Tomika	Larson
	4	Nova	Hess
	62	Denis	Logan
	33	Verona	O'Neill
	28	Eleni	Gordon
	14	Maribel	William
	1	Johnathan	Velazquez
	74	Mariela	Huffman
	61	Mark	Garrett

Result 11

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```

22
23 /*Show all products and their stock levels*/
24 • SELECT p.product_name, s.quantity
25 FROM products p
26 LEFT JOIN stocks s ON p.product_id = s.product_id;
27
28 /*Show all stock entries and include product info where available:*/
29 • SELECT p.product_name, s.quantity
30 FROM stocks s
31 RIGHT JOIN products p ON s.product_id = p.product_id;
32
33 /*customers who have placed more than 3 orders*/

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

product_name	quantity
Trek 820 - 2016	27
Ritchey Timberwolf Frameset - 2016	5
Surly Wednesday Frameset - 2016	6
Trek Fuel EX 8 29 - 2016	23
Heller Shagawaw Frame - 2016	22
Surly Ice Cream Truck Frameset - 2016	0
Trek Slash 8 27.5 - 2016	8
Trek Remedy 29 Carbon Frameset - 2016	0
Trek Conduit+ - 2016	11
Surly Straggler - 2016	15
Surly Straggler 650b - 2016	8
Electra Townie Original 21D - 2016	16
Electra Cruiser 1 (24-Inch) - 2016	13
Electra Girl's Hawaii 1 (16-inch) - 2015/2...	8
Electra Moto 1 - 2016	3
Electra Townie Original 7D EQ - 2016	4

Result 12 x

Don't Limit

```

29 • SELECT p.product_name, s.quantity
30 FROM stocks s
31 RIGHT JOIN products p ON s.product_id = p.product_id;
32
33 /*customers who have placed more than 3 orders*/
34 • SELECT first_name, last_name
35 FROM customers
36 WHERE customer_id IN (
37     SELECT customer_id
38     FROM orders
39     GROUP BY customer_id
40     HAVING COUNT(*) > 3

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

product_name	quantity
Trek 820 - 2016	27
Ritchey Timberwolf Frameset - 2016	5
Surly Wednesday Frameset - 2016	6
Trek Fuel EX 8 29 - 2016	23
Heller Shagawaw Frame - 2016	22
Surly Ice Cream Truck Frameset - 2016	0
Trek Slash 8 27.5 - 2016	8
Trek Remedy 29 Carbon Frameset - 2016	0
Trek Conduit+ - 2016	11
Surly Straggler - 2016	15
Surly Straggler 650b - 2016	8
Electra Townie Original 21D - 2016	16
Electra Cruiser 1 (24-Inch) - 2016	13
Electra Girl's Hawaii 1 (16-inch) - 2015/2...	8
Electra Moto 1 - 2016	3
Electra Townie Original 7D EQ - 2016	4

Result 13 x

49

50 • `SELECT product_name, list_price,`

51 `(SELECT AVG(list_price) FROM products) AS avg_price`

52 `FROM products;`

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Result Grid | Filter Rows: | Export: | Wrap Cell Content: [FA](#)

	product_name	list_price	avg_price
▶	Trek 820 - 2016	379.99	1609.3959459459475
	Ritchey Timberwolf Frameset - 2016	749.99	1609.3959459459475
	Surly Wednesday Frameset - 2016	999.99	1609.3959459459475
	Trek Fuel EX 8 29 - 2016	2899.99	1609.3959459459475
	Heller Shagawaw Frame - 2016	1320.99	1609.3959459459475
	Surly Ice Cream Truck Frameset - 2016	469.99	1609.3959459459475
	Trek Slash 8 27.5 - 2016	3999.99	1609.3959459459475
	Trek Remedy 29 Carbon Frameset - 2016	1799.99	1609.3959459459475
	Trek Conduit+ - 2016	2999.99	1609.3959459459475
	Surly Straggler - 2016	1549	1609.3959459459475
	Surly Straggler 650b - 2016	1680.99	1609.3959459459475
	Electra Townie Original 21D - 2016	549.99	1609.3959459459475
	Electra Cruiser 1 (24-Inch) - 2016	269.99	1609.3959459459475
	Electra Girl's Hawaii 1 (16-inch) - 2015/2...	269.99	1609.3959459459475
	Electra Moto 1 - 2016	529.99	1609.3959459459475
	Electra Townie Original 7D EQ - 2016	599.99	1609.3959459459475

Result 16 x

54 `/*Total revenue per store*/`

55 • `SELECT s.store_name, SUM(oi.quantity * oi.list_price * (1 - oi.discount)) AS revenue`

56 `FROM order_items oi`

57 `JOIN orders o ON oi.order_id = o.order_id`

58 `JOIN stores s ON o.store_id = s.store_id`

59 `GROUP BY s.store_name;`

60

61

62

63

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65

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [FA](#)

	store_name	revenue
▶	Santa Cruz Bikes	71760.3064
	Baldwin Bikes	125679.26899999996
	Rowlett Bikes	7993.865

