

MySQL Workbench

Local instance MYSQL80

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Filter objects

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sql_store

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shipped_date

shipper_id

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Administration Schemas

Information

Column: **order_date**

Definition:

order_date date

Object Info Session

SQL File 4*

Limit to 1000 rows

```
1 -- from the order_items table, get the items
2 -- for oder #6
3 -- where the total price is greater than 30
4
5 • SELECT *
6 FROM order_items
7 WHERE order_id = 6 AND unit_price * quantity > 30
```

Result Grid

order_id	product_id	quantity	unit_price
6	1	4	8.65
NULL	NULL	NULL	NULL

order_items 13 x

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Administration Schemas

Information

Column: **order_date**

Definition:

order_date date

Object Info Session

SQL File 4*

Limit to 1000 rows

```
1 -- return prouducts with
2 -- quantity in stocho equal to 49, 38, 72,
3
4 • SELECT *
5 FROM products
6 WHERE quantity_in_stock IN (49, 38, 72)
```

Result Grid

product_id	name	quantity_in_stock	unit_price
2	Pork - Bacon,back Peameal	49	4.65
3	Lettuce - Romaine, Heart	38	3.35
NULL	NULL	NULL	NULL

products 14 x

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Administration Schemas

Information

Column: **order_date**

Definition:

order_date date

Object Info Session

SQL File 4*

Limit to 1000 rows

```

1 -- get the customer whose
2 -- first names are ELKA or AMBUR
3 -- last names are end with EY or ON
4 • SELECT *
5 FROM customers
6 WHERE last_name regexp 'ey$|on$'
7
8 -- last names start with my or contain with SE
9 -- last names contain B followed by R or U
10

```

Result Grid

customer_id	first_name	last_name	birth_date	phone	address	city	state	points
1	Babara	MacCaffrey	1986-03-28	781-932-9754	0 Sage Terrace	Waltham	MA	2273
3	Freddi	Boagey	1985-02-07	719-724-7869	251 Springs Junction	Colorado Springs	CO	2967
5	Clemmie	Betchley	1973-11-07	5 Spohn Circle	Arlington	TX	3675	
7	Ilene	Dowson	1964-08-30	615-641-4759	50 Lillian Crossing	Nashville	TN	1672

customers 18 x

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Information

Column: **order_date**

Definition:

order_date date

Object Info Session

SQL File 4*

Limit to 1000 rows

```

1 -- get the customer whose
2 -- first names are ELKA or AMBUR
3 -- last names are end with EY or ON
4 • SELECT *
5 FROM customers
6 WHERE last_name regexp 'br|bu|'
7
8 -- last names start with my or contain with SE
9 -- last names contain B followed by R or U
10

```

Result Grid

customer_id	first_name	last_name	birth_date	phone	address	city	state	points
2	Ines	Brushfield	1986-04-13	804-427-9456	14187 Commercial Trail	Hampton	VA	947
4	Ambur	Roseburgh	1974-04-14	407-231-8017	30 Arapahoe Terrace	Orlando	FL	457

customers 20 x

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 - state
 - points
 - Indexes
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Administration Schemas

Information

Table: **order_items**

Columns:

- order_id int AI PK
- product_id int PK
- quantity int
- unit_price decimal(4,2)

Object Info Session

SQL File 4*

```

1 -- Return all the products
2 -- name
3 -- unit price
4 -- new price (unit_price * 1.1)
5 • SELECT name, unit_price, unit_price * 1.1 AS new_price
6 FROM products
  
```

Result Grid

name	unit_price	new_price
Foam Dinner Plate	1.21	1.331
Pork - Bacon,back Peameal	4.65	5.115
Lettuce - Romaine, Heart	3.35	3.685
Broccoli - Gaylan, Chinese	4.53	4.983
Sauce - Ranch Dressing	1.63	1.793
Petit Baguette	2.39	2.629
Sweet Pea Sprouts	3.29	3.619
Island Oasis - Raspberry	0.74	0.814
Longan	2.26	2.486
Broom - Push	1.09	1.199

Result 10 x

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Administration Schemas

Information

Column: **order_date**

Definition:

order_date date

Object Info Session

SQL File 4*

```

1 -- get the orders that are not shipped
2
3 • SELECT *
4 FROM orders
5 WHERE shipper_id IS NULL
  
```

Result Grid

order_id	customer_id	order_date	status	comments	shipped_date	shipper_id
1	6	2019-01-30	1		NULL	NULL
3	8	2017-12-01	1		NULL	NULL
4	2	2017-01-22	1		NULL	NULL
6	10	2018-11-18	1	Aliquam erat volutpat. In congue.	NULL	NULL
8	5	2018-06-08	1	Mauris enim leo, rhoncus sed, vestibulum sit am...	NULL	NULL
•	NULL	NULL	NULL	NULL	NULL	NULL

orders 21 x

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Administration Schemas

Information

Table: **order_items**

Columns:

- order_id int AI PK
- product_id int PK
- quantity int
- unit_price decimal(4,2)

Object Info Session

SQL File 4*

Limit to 1000 rows

```

1 • SELECT *
2 FROM order_items oi
3 JOIN products p ON oi.product_id = p.product_id

```

Result Grid

order_id	product_id	quantity	unit_price	product_id	name	quantity_in_stock	unit_price
2	1	2	9.10	1	Foam Dinner Plate	70	1.21
6	1	4	8.65	1	Foam Dinner Plate	70	1.21
10	1	10	6.01	1	Foam Dinner Plate	70	1.21
5	2	3	9.89	2	Pork - Bacon,back Peameal	49	4.65
6	2	4	3.28	2	Pork - Bacon,back Peameal	49	4.65
3	3	10	9.12	3	Lettuce - Romaine, Heart	38	3.35
4	3	7	6.99	3	Lettuce - Romaine, Heart	38	3.35
6	3	4	7.46	3	Lettuce - Romaine, Heart	38	3.35
7	3	7	9.17	3	Lettuce - Romaine, Heart	38	3.35
1	4	4	3.74	4	Brocolinni - Gaylan, Chinese	90	4.53

Result 23 x

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- order_id
- customer_id
- order_date
- status
- comments
- shipped_date
- shipper_id

Administration Schemas

Information

Column: **order_date**

Definition:

order_date date

Object Info Session

SQL File 4*

Limit to 1000 rows

```

1 -- Get the orders place this year
2
3 • SELECT *
4 FROM orders
5 WHERE order_date >= '2019-01-01'

```

Result Grid

order_id	customer_id	order_date	status	comments	shipped_date	shipper_id
1	6	2019-01-30	1	HOLE	HOLE	HOLE

orders 11 x

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MySQL Workbench

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Administration Schemas

Information

Column: **order_date**

Definition: order_date date

Object Info Session

SQL File 4*

Limit to 1000 rows

```
1 -- get the top three loyal customers
2
3 • SELECT *
4 FROM customers
5 ORDER BY points DESC
6 LIMIT 3
```

Result Grid

customer_id	first_name	last_name	birth_date	phone	address	city	state	points
5	Clemmie	Betchley	1973-11-07	312-480-8498	5 Spohn Circle	Arlington	TX	3675
6	Elka	Twiddell	1991-09-04	312-480-8498	7 Manley Drive	Chicago	IL	3073
3	Freddi	Boagey	1985-02-07	719-724-7869	251 Springs Junction	Colorado Springs	CO	2967

customers 22 x

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Information

Column: **order_date**

Definition: order_date date

Object Info Session

SQL File 4*

Limit to 1000 rows

```
1 -- return customer burn
2 -- between 1/1/1990 and 1/1/2000
3
4 • SELECT *
5 FROM customers
6 WHERE birth_date BETWEEN '1990-01-01' AND '2000-01-01'
```

Result Grid

customer_id	first_name	last_name	birth_date	phone	address	city	state	points
6	Elka	Twiddell	1991-09-04	312-480-8498	7 Manley Drive	Chicago	IL	3073
8	Thacher	Naseby	1993-07-17	941-527-3977	538 Mosinee Center	Sarasota	FL	205
9	Romola	Rumgay	1992-05-23	559-181-3744	3520 Ohio Trail	Visalia	CA	1486

customers 15 x

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Administration Schemas

Information

Table: **order_items**

Columns:

order_id int AI PK

product_id int PK

quantity int

unit_price decimal(4,2)

Object Info Session

SQL File 4*

Limit to 1000 rows

```

1 • SELECT *
2 FROM order_items oi
3 JOIN products p ON oi.product_id = p.product_id

```

Result Grid

order_id	product_id	quantity	unit_price	product_id	name	quantity_in_stock	unit_price
2	1	2	9.10	1	Foam Dinner Plate	70	1.21
6	1	4	8.65	1	Foam Dinner Plate	70	1.21
10	1	10	6.01	1	Foam Dinner Plate	70	1.21
5	2	3	9.89	2	Pork - Bacon,back Peameal	49	4.65
6	2	4	3.28	2	Pork - Bacon,back Peameal	49	4.65
3	3	10	9.12	3	Lettuce - Romaine, Heart	38	3.35
4	3	7	6.99	3	Lettuce - Romaine, Heart	38	3.35
6	3	4	7.46	3	Lettuce - Romaine, Heart	38	3.35
7	3	7	9.17	3	Lettuce - Romaine, Heart	38	3.35
1	4	4	3.74	4	Brocolinn - Gaylan, Chinese	90	4.53
2	4	4	1.66	4	Brocolinn - Gaylan, Chinese	90	4.53
6	5	1	3.45	5	Sauce - Ranch Dressing	94	1.63
8	5	2	6.94	5	Sauce - Ranch Dressing	94	1.63
2	6	2	2.94	6	Petit Baguette	14	2.39
9	6	5	7.28	6	Petit Baguette	14	2.39
8	8	2	8.59	8	Island Oasis - Raspberry	26	0.74
10	9	9	4.28	9	Longan	67	2.26
4	10	7	6.40	10	Broom - Push	6	1.09

Result 23 x

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products

shippers

Administration Schemas

Information

Column: **order_date**

Definition:

order_date date

Object Info Session

SQL File 4*

Limit to 1000 rows

```

1 -- Get the customer whose
2 -- addressess contain TRAIL or AVENUE
3
4 • SELECT *
5 FROM customers
6 WHERE address LIKE '%trail%' OR
7 address LIKE 'avenue'
8
9 -- phone numbers end with 9
10
11

```

Result Grid

customer_id	first_name	last_name	birth_date	phone	address	city	state	points
2	Ines	Brushfield	1986-04-13	804-427-9456	14187 Commercial Trail	Hampton	VA	947
9	Romola	Rungay	1992-05-23	559-181-3744	3520 Ohio Trail	Visalia	CA	1486

customers 16 x

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Administration Schemas

Information

Column: **order_date**

Definition:
order_date date

Object Info Session

SQL File 4*

Limit to 1000 rows

```
1 -- get the customer whose
2 -- first names are ELKA or AMBUR
3 • SELECT *
4 FROM customers
5 WHERE first_name REGEXP 'elka|ambur'
6
7 -- last names are end with EY or ON
8 -- last names start with my or contain with SE
9 -- last names contain B followed by R or U
10
```

Result Grid

	customer_id	first_name	last_name	birth_date	phone	address	city	state	points
▶	4	Ambur	Roseburgh	1974-04-14	407-231-8017	30 Arapahoe Terrace	Orlando	FL	457
6	6	Elka	Twiddell	1991-09-04	312-480-8498	7 Manley Drive	Chicago	IL	3073
•	NOLE	NOLE	NOLE	NOLE	NOLE	NOLE	NOLE	NOLE	NOLE

customers 17 x

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