

SQL 1*

```
1 PRAGMA table_info(car_prices);  
2
```

	cid	name	type	notnull	dflt_value	pk
1	0	year	INTEGER	0	NULL	0
2	1	make	TEXT	0	NULL	0
3	2	model	TEXT	0	NULL	0
4	3	trim	TEXT	0	NULL	0
5	4	body	TEXT	0	NULL	0
6	5	transmission	TEXT	0	NULL	0
7	6	vin	TEXT	0	NULL	0

Execution finished without errors.
Result: 16 rows returned in 14ms
At line 1:
PRAGMA table_info(car_prices);

SQL 1*

```
1 SELECT make, ROUND(AVG(sellingprice), 2) AS avg_price
2 FROM car_prices
3 GROUP BY make
4 ORDER BY avg_price DESC;
```

	make	avg_price
1	Rolls-Royce	153488.24
2	Ferrari	127210.53
3	Lamborghini	112625.0
4	Bentley	74367.67
5	airstream	71000.0
6	Tesla	67054.35
7	Aston Martin	54812.0

Execution finished without errors.

Result: 97 rows returned in 1251ms

At line 1:

```
SELECT make, ROUND(AVG(sellingprice), 2) AS avg_price
FROM car_prices
GROUP BY make
ORDER BY avg_price DESC;
```



SQL 1*

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1 SELECT make, ROUND(AVG(sellingprice), 2) AS avg_price
2 FROM car_prices
3 GROUP BY make
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```

	make	avg_price
18	BMW	21441.9
19	Infiniti	20417.46
20	Lexus	20286.24
21	Audi	19915.43
22	lincoln	19822.41
23	Jaguar	19782.52
24	GMC	16951.41

Execution finished without errors.

Result: 97 rows returned in 1251ms

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2 FROM car_prices
3 GROUP BY make
4 ORDER BY avg_price DESC;
```

	make	avg_price
25	Lincoln	16824.68
26	audi	16537.5
27	Subaru	15383.11
28	HUMMER	15269.49
29	Cadillac	15221.16
30	Jeep	15000.24
31	Ford	14540.47

Execution finished without errors.

Result: 97 rows returned in 1251ms

At line 1:

```
SELECT make, ROUND(AVG(sellingprice), 2) AS avg_price
FROM car_prices
GROUP BY make
ORDER BY avg_price DESC;
```

SQL 1*

```
1 SELECT state, make, ROUND(AVG(sellingprice), 2) AS avg_price
2 FROM car_prices
3 GROUP BY state, make
4 ORDER BY avg_price DESC
5 LIMIT 10;
```

	state	make	avg_price
1	fl	Rolls-Royce	160333.33
2	ca	Rolls-Royce	152192.31
3	wi	Rolls-Royce	149800.0
4	fl	Ferrari	137277.78
5	ca	Ferrari	124857.14
6	pa	Lamborghini	116000.0
7	fl	Lamborghini	112250.0

Execution finished without errors.

Result: 10 rows returned in 1581ms

At line 1:

```
SELECT state, make, ROUND(AVG(sellingprice), 2) AS avg_price
FROM car_prices
GROUP BY state, make
ORDER BY avg_price DESC
LIMIT 10;
```



SQL 1*

```
1 SELECT state, make, ROUND(AVG(sellingprice), 2) AS avg_price
2 FROM car_prices
3 GROUP BY state, make
4 ORDER BY avg_price DESC
5 LIMIT 10;
```

	state	make	avg_price
4	fl	Ferrari	137277.78
5	ca	Ferrari	124857.14
6	pa	Lamborghini	116000.0
7	fl	Lamborghini	112250.0
8	ca	Lamborghini	110000.0
9	pa	Ferrari	102500.0
10	ga	Bentley	102200.0

Execution finished without errors.

Result: 10 rows returned in 1581ms

At line 1:

```
SELECT state, make, ROUND(AVG(sellingprice), 2) AS avg_price
FROM car_prices
GROUP BY state, make
ORDER BY avg_price DESC
LIMIT 10;
```

SQL 1*

```
1 CREATE TABLE IF NOT EXISTS car_specs AS
2 SELECT DISTINCT make, body, transmission
3 FROM car_prices;
4
```

Execution finished without errors.
Result: query executed successfully. Took 806ms
At line 1:
CREATE TABLE IF NOT EXISTS car_specs AS
SELECT DISTINCT make, body, transmission
FROM car_prices;



SQL 1*

```
1 SELECT year, make, model, sellingprice
2 FROM car_prices
3 WHERE sellingprice > 20000
4 ORDER BY sellingprice DESC
5 LIMIT 10;
```

	year	make	model	sellingprice
1	2014	Ford	Escape	230000.0
2	2011	Ferrari	458 Italia	183000.0
3	2015	Mercedes-Benz	S-Class	173000.0
4	2013	Rolls-Royce	Ghost	171500.0
5	2012	Rolls-Royce	Ghost	169500.0
6	2012	Rolls-Royce	Ghost	169000.0
7	2012	Rolls-Royce	Ghost	167000.0

Execution finished without errors.
Result: 10 rows returned in 339ms
At line 1:
SELECT year, make, model, sellingprice
FROM car_prices
WHERE sellingprice > 20000
ORDER BY sellingprice DESC
LIMIT 10;

New DatabaseOpen DatabaseWrite ChangesRevert ChangesUndoOpen ProjectSave ProjectAttach DatabaseClose Database

Database StructureBrowse DataEdit PragmasExecute SQL

SQL 1*

1SELECT year, make, model, sellingprice

2FROM car_prices

3WHERE sellingprice > 20000

4ORDER BY sellingprice DESC

5LIMIT 10;

	year	make	model	sellingprice
4	2013	Rolls-Royce	Ghost	171500.0
5	2012	Rolls-Royce	Ghost	169500.0
6	2012	Rolls-Royce	Ghost	169000.0
7	2012	Rolls-Royce	Ghost	167000.0
8	2014	BMW	i8	165000.0
9	2014	BMW	i8	165000.0
10	2011	Rolls-Royce	Ghost	163000.0

Execution finished without errors.
Result: 10 rows returned in 339ms
At line 1:
SELECT year, make, model, sellingprice
FROM car_prices
WHERE sellingprice > 20000
ORDER BY sellingprice DESC
LIMIT 10;



SQL 1*

```
1 SELECT c.make, c.model, s.body, s.transmission
2 FROM car_prices AS c
3 LEFT JOIN car_specs AS s
4 ON c.make = s.make
5 LIMIT 10;
```

	make	model	body	transmission
1	Kia	Sorento	Hatchback	NULL
2	Kia	Sorento	Hatchback	automatic
3	Kia	Sorento	Hatchback	manual
4	Kia	Sorento	Koup	NULL
5	Kia	Sorento	Koup	automatic
6	Kia	Sorento	Koup	manual
7	Kia	Sorento	Minivan	NULL

Execution finished without errors.

Result: 10 rows returned in 15ms

At line 1:

```
SELECT c.make, c.model, s.body, s.transmission
FROM car_prices AS c
LEFT JOIN car_specs AS s
ON c.make = s.make
LIMIT 10;
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1 SELECT c.make, c.model, s.body, s.transmission
2 FROM car_prices AS c
3 LEFT JOIN car_specs AS s
4 ON c.make = s.make
5 LIMIT 10;
```

	make	model	body	transmission
4	Kia	Sorento	Koup	NULL
5	Kia	Sorento	Koup	automatic
6	Kia	Sorento	Koup	manual
7	Kia	Sorento	Minivan	NULL
8	Kia	Sorento	Minivan	automatic
9	Kia	Sorento	SUV	NULL
10	Kia	Sorento	SUV	automatic

Execution finished without errors.

Result: 10 rows returned in 15ms

At line 1:

```
SELECT c.make, c.model, s.body, s.transmission
FROM car_prices AS c
LEFT JOIN car_specs AS s
ON c.make = s.make
LIMIT 10;
```

SQL 1*

```
1 SELECT c.make, c.model, c.year, s.body, s.transmission, c.sellingprice
2 FROM car_prices AS c
3 INNER JOIN car_specs AS s
4 ON c.make = s.make
5 LIMIT 10;
```

	make	model	year	body	transmission	sellingprice
1	Kia	Sorento	2015	Hatchback	NULL	21500.0
2	Kia	Sorento	2015	Hatchback	automatic	21500.0
3	Kia	Sorento	2015	Hatchback	manual	21500.0
4	Kia	Sorento	2015	Koup	NULL	21500.0
5	Kia	Sorento	2015	Koup	automatic	21500.0
6	Kia	Sorento	2015	Koup	manual	21500.0
7	Kia	Sorento	2015	Minivan	NULL	21500.0

Execution finished without errors.

Result: 10 rows returned in 21ms

At line 1:

```
SELECT c.make, c.model, c.year, s.body, s.transmission, c.sellingprice
FROM car_prices AS c
INNER JOIN car_specs AS s
ON c.make = s.make
LIMIT 10;
```



SQL 1*

```
1 SELECT c.make, c.model, c.year, s.body, s.transmission, c.sellingprice
2 FROM car_prices AS c
3 INNER JOIN car_specs AS s
4 ON c.make = s.make
5 LIMIT 10;
```

	make	model	year	body	transmission	sellingprice
4	Kia	Sorento	2015	Koup	NULL	21500.0
5	Kia	Sorento	2015	Koup	automatic	21500.0
6	Kia	Sorento	2015	Koup	manual	21500.0
7	Kia	Sorento	2015	Minivan	NULL	21500.0
8	Kia	Sorento	2015	Minivan	automatic	21500.0
9	Kia	Sorento	2015	SUV	NULL	21500.0
10	Kia	Sorento	2015	SUV	automatic	21500.0

Execution finished without errors.

Result: 10 rows returned in 21ms

At line 1:

```
SELECT c.make, c.model, c.year, s.body, s.transmission, c.sellingprice
FROM car_prices AS c
INNER JOIN car_specs AS s
ON c.make = s.make
LIMIT 10;
```