

## Shopping Query

### Insert Data:

1. **INSERT** INTO `shoppind\_table` (`pro\_id`, `pro\_name`, `pro\_category`, `pro\_type`, `pro\_company`, `pro\_companyaddress`, `pro\_companyemail`, `pro\_manufacturedate`, `pro\_ecpiredate`, `pro\_value`, `pro\_details`, `pro\_stock`) **VALUES** (NULL, 'Iphone 16 pro max', 'mobile', 'mobile', 'apple', 'USA', 'applemobile@gmail.com', '2025-01-25', '2026-01-25', '128000', 'a portable, handheld device that allows users to make calls, send messages, access the internet.', '100');
2. **INSERT** INTO `shoppind\_table` (`pro\_name`, `pro\_category`, `pro\_type`, `pro\_company`, `pro\_companyaddress`, `pro\_companyemail`, `pro\_manufacturedate`, `pro\_ecpiredate`, `pro\_value`, `pro\_details`, `pro\_stock`) **VALUES**
3. ('Samsung QLED 8K TV', 'electronics', 'television', 'Samsung', 'South Korea', 'support@samsung.com', '2024-11-10', '2030-11-10', '450000', 'A high-end smart TV with an 8K resolution and AI upscaling.', '50'),
4. ('Asus ROG Zephyrus G16', 'laptop', 'gaming laptop', 'Asus', 'Taiwan', 'support@asus.com', '2024-12-15', '2028-12-15', '185000', 'A high-performance gaming laptop with RTX 4090 and Ryzen 9 processor.', '30'),
5. ('Nike Air Jordan 1', 'fashion', 'footwear', 'Nike', 'USA', 'support@nike.com', '2024-10-01', '2030-10-01', '25000', 'A stylish and comfortable sneaker designed for basketball lovers.', '200'),
6. ('Rolex Submariner', 'accessories', 'wristwatch', 'Rolex', 'Switzerland', 'support@rolex.com', '2024-09-20', '2040-09-20', '950000', 'A luxury dive watch with precision engineering.', '20'),

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
1	HP Laptop			HP	JAPAN	hp@gmail.com	2025-01-01	2026-01-01	80000	a portable computer that has a screen, keyboard, ...	50
2	Apple Laptop	electronics	laptop	Apple	USA	apple@gmail.com	2024-03-17	2027-03-17	150000	a portable computer that has a screen, keyboard, ...	30
3	Dell laptop	electronics	laptop	Dell	India	dell@gmail.com	2020-05-22	2026-05-22	50000	a portable computer that has a screen, keyboard, ...	10
4	Iphone 16 pro max	electronics	mobile	apple	USA	applemobile@gmail.com	2025-01-25	2026-01-25	128000	a portable, handheld device that allows users to m...	100
5	Samsung QLED 8K TV	electronics	television	Samsung	South Korea	support@samsung.com	2024-11-10	2030-11-10	450000	A high-end smart TV with an 8K resolution and AI u...	50
6	Asus ROG Zephyrus G16	laptop	gaming laptop	Asus	Taiwan	support@asus.com	2024-12-15	2028-12-15	185000	A high-performance gaming laptop with RTX 4090 and...	30
7	Nike Air Jordan 1	fashion	footwear	Nike	USA	support@nike.com	2024-10-01	2030-10-01	25000	A stylish and comfortable sneaker designed for bas...	200
8	Rolex Submariner	accessories	wristwatch	Rolex	Switzerland	support@rolex.com	2024-09-20	2040-09-20	950000	A luxury dive watch with precision engineering.	20
9	Sony WH-1000XM5	electronics	headphones	Sony	Japan	support@sony.com	2024-08-05	2028-08-05	35000	Noise-canceling wireless headphones with superior ...	75
10	Dell Ultrasharp U3223QE	electronics	monitor	Dell	USA	support@dell.com	2024-07-18	2030-07-18	70000	A 32-inch 4K monitor with an ultra-wide color gamu...	40

Select and Where Query:

`SELECT `pro_name`,`pro_company`,`pro_companyemail`,`pro_value`,`pro_details` FROM `shoppind_table` WHERE pro_id = 6;`

pro_name	pro_company	pro_companyemail	pro_value	pro_details
Asus ROG Zephyrus G16	Asus	support@asus.com	185000	A high-performance gaming laptop with RTX 4090 and...

Where Query:

`SELECT * FROM `shoppind_table` WHERE pro_companyaddress = 'usa';`

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
2	Apple Laptop	electronics	laptop	Apple	USA	apple@gmail.com	2024-03-17	2027-03-17	150000	a portable computer that has a screen, keyboard, ...	30
4	Iphone 16 pro max	electronics	mobile	apple	USA	applemobile@gmail.com	2025-01-25	2026-01-25	128000	a portable, handheld device that allows users to m...	100
7	Nike Air Jordan 1	fashion	footwear	Nike	USA	support@nike.com	2024-10-01	2030-10-01	25000	A stylish and comfortable sneaker designed for bas...	200
10	Dell Ultrasharp U3223QE	electronics	monitor	Dell	USA	support@dell.com	2024-07-18	2030-07-18	70000	A 32-inch 4K monitor with an ultra-wide color gamu...	40
11	Apple iPad Pro M3	tablet	tablet	Apple	USA	support@apple.com	2025-02-10	2030-02-10	120000	A powerful tablet with an M3 chip and Liquid Retin...	100
13	Whirlpool 500L Refrigerator	appliances	refrigerator	Whirlpool	USA	support@whirlpool.com	2024-10-30	2034-10-30	95000	A spacious and energy-efficient refrigerator with ...	60
18	The Alchemist by Paulo Coelho	books	novel	HarperCollins	USA	support@harpercollins.com	2024-07-12	2050-07-12	500	A philosophical novel about following one's dreams...	500

And Query:

`SELECT * FROM `shoppind_table` WHERE pro_companyaddress = 'India' and pro_type = 'laptop' and pro_company = 'dell';`

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
3	Dell laptop	electronics	laptop	Dell	India	dell@gmail.com	2020-05-22	2026-05-22	50000	a portable computer that has a screen, keyboard, ...	10

Or Query:

`SELECT * FROM `shoppind_table` WHERE pro_companyaddress = 'India' or pro_type = 'laptop' or pro_company = 'apple';`

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
1	HP Laptop	electronics	laptop	HP	JAPAN	hp@gmail.com	2025-01-01	2026-01-01	80000	a portable computer that has a screen, keyboard, ...	50
2	Apple Laptop	electronics	laptop	Apple	USA	apple@gmail.com	2024-03-17	2027-03-17	150000	a portable computer that has a screen, keyboard, ...	30
3	Dell laptop	electronics	laptop	Dell	India	dell@gmail.com	2020-05-22	2026-05-22	50000	a portable computer that has a screen, keyboard, ...	10
4	Iphone 16 pro max	electronics	mobile	apple	USA	applemobile@gmail.com	2025-01-25	2026-01-25	128000	a portable, handheld device that allows users to m...	100
11	Apple iPad Pro M3	tablet	tablet	Apple	USA	support@apple.com	2025-02-10	2030-02-10	120000	A powerful tablet with an M3 chip and Liquid Retin...	100

And & or Query:

`SELECT * FROM `shoppind_table` WHERE pro_companyaddress = 'USA' and (pro_type = 'laptop' or pro_category = 'electronics');`

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
2	Apple Laptop	electronics	laptop	Apple	USA	apple@gmail.com	2024-03-17	2027-03-17	150000	a portable computer that has a screen, keyboard, ...	30
4	Iphone 16 pro max	electronics	mobile	apple	USA	applemobile@gmail.com	2025-01-25	2026-01-25	128000	a portable, handheld device that allows users to m...	100
10	Dell Ultrasharp U3223QE	electronics	monitor	Dell	USA	support@dell.com	2024-07-18	2030-07-18	70000	A 32-inch 4K monitor with an ultra-wide color gamu...	40

Not Query:

`SELECT * FROM `shoppind_table` WHERE NOT pro_companyaddress = 'USA';`

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
1	HP Laptop	electronics	laptop	HP	JAPAN	hp@gmail.com	2025-01-01	2026-01-01	80000	a portable computer that has a screen, keyboard, ...	50
3	Dell laptop	electronics	laptop	Dell	India	dell@gmail.com	2020-05-22	2026-05-22	50000	a portable computer that has a screen, keyboard, ...	10
5	Samsung QLED 8K TV	electronics	television	Samsung	South Korea	support@samsung.com	2024-11-10	2030-11-10	450000	A high-end smart TV with an 8K resolution and AI u...	50
6	Asus ROG Zephyrus G16	laptop	gaming laptop	Asus	Taiwan	support@asus.com	2024-12-15	2028-12-15	185000	A high-performance gaming laptop with RTX 4090 and...	30
8	Rolex Submariner	accessories	wristwatch	Rolex	Switzerland	support@rolex.com	2024-09-20	2040-09-20	950000	A luxury dive watch with precision engineering.	20
9	Sony WH-1000XM5	electronics	headphones	Sony	Japan	support@sony.com	2024-08-05	2028-08-05	35000	Noise-canceling wireless headphones with superior ...	75
12	Canon EOS R5	electronics	camera	Canon	Japan	support@canon.com	2024-11-25	2035-11-25	320000	A professional mirrorless camera with 8K video rec...	25
14	Lego Star Wars Millennium Falcon	toys	building set	Lego	Denmark	support@lego.com	2024-12-20	2050-12-20	35000	A highly detailed Lego set of the iconic Millenniu...	150
15	Tissot T-Touch Connect Solar	accessories	smartwatch	Tissot	Switzerland	support@tissot.com	2024-11-01	2035-11-01	120000	A premium Swiss smartwatch with solar charging and...	40
16	DJI Air 3 Drone	gadgets	drone	DJI	China	support@dji.com	2024-09-15	2030-09-15	140000	A compact and powerful drone with 4K video recordi...	35
17	Yamaha F310 Acoustic Guitar	music	musical instrument	Yamaha	Japan	support@yamaha.com	2024-08-25	2045-08-25	18000	A high-quality acoustic guitar perfect for beginne...	80

Order by:

SELECT \* FROM `shoppind\_table` ORDER BY pro\_name ASC;

pro_id	pro_name <span>▲ 1</span>	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
11	Apple iPad Pro M3	tablet	tablet	Apple	USA	support@apple.com	2025-02-10	2030-02-10	120000	A powerful tablet with an M3 chip and Liquid Retin...	100
2	Apple Laptop	electronics	laptop	Apple	USA	apple@gmail.com	2024-03-17	2027-03-17	150000	a portable computer that has a screen, keyboard, ...	30
6	Asus ROG Zephyrus G16	laptop	gaming laptop	Asus	Taiwan	support@asus.com	2024-12-15	2028-12-15	185000	A high-performance gaming laptop with RTX 4090 and...	30
12	Canon EOS R5	electronics	camera	Canon	Japan	support@canon.com	2024-11-25	2035-11-25	320000	A professional mirrorless camera with 8K video rec...	25
3	Dell laptop	electronics	laptop	Dell	India	dell@gmail.com	2020-05-22	2026-05-22	50000	a portable computer that has a screen, keyboard, ...	10
10	Dell Ultrasharp U3223QE	electronics	monitor	Dell	USA	support@dell.com	2024-07-18	2030-07-18	70000	A 32-inch 4K monitor with an ultra-wide color gamu...	40
16	DJI Air 3 Drone	gadgets	drone	DJI	China	support@dji.com	2024-09-15	2030-09-15	140000	A compact and powerful drone with 4K video recordi...	35
1	HP Laptop	electronics	laptop	HP	JAPAN	hp@gmail.com	2025-01-01	2026-01-01	80000	a portable computer that has a screen, keyboard, ...	50
4	Iphone 16 pro max	electronics	mobile	apple	USA	applemobile@gmail.com	2025-01-25	2026-01-25	128000	a portable, handheld device that allows users to m...	100
14	Lego Star Wars Millennium Falcon	toys	building set	Lego	Denmark	support@lego.com	2024-12-20	2050-12-20	35000	A highly detailed Lego set of the iconic Millenniu...	150
7	Nike Air Jordan 1	fashion	footwear	Nike	USA	support@nike.com	2024-10-01	2030-10-01	25000	A stylish and comfortable sneaker designed for bas...	200
8	Rolex Submariner	accessories	wristwatch	Rolex	Switzerland	support@rolex.com	2024-09-20	2040-09-20	950000	A luxury dive watch with precision engineering.	20

SELECT \* FROM `shoppind\_table` ORDER BY pro\_stock DESC;

	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock <span>▼ 1</span>
com	2024-07-12	2050-07-12	500	A philosophical novel about following one's dreams...	500
	2024-10-01	2030-10-01	25000	A stylish and comfortable sneaker designed for bas...	200
	2024-12-20	2050-12-20	35000	A highly detailed Lego set of the iconic Millenniu...	150
n	2025-01-25	2026-01-25	128000	a portable, handheld device that allows users to m...	100
	2025-02-10	2030-02-10	120000	A powerful tablet with an M3 chip and Liquid Retin...	100
	2024-08-25	2045-08-25	18000	A high-quality acoustic guitar perfect for beginne...	80

Null Query:

`SELECT pro_name,pro_companyaddress FROM `shoppind_table` WHERE pro_companyaddress IS null;`

pro_name	pro_companyaddress
Lego Star Wars Millennium Falcon	NULL
DJI Air 3 Drone	NULL

Update Query:

`UPDATE `shoppind_table` SET pro_companyemail = 'support@hp.com' where pro_id = 1;`

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
1	HP Laptop	electronics	laptop	HP	JAPAN	support@hp.com	2025-01-01	2026-01-01	80000	a portable computer that has a screen, keyboard	50

Delete Query:

✔ 1 row deleted. (Query took 0.0020 seconds.)

`DELETE FROM `shoppind_table` WHERE pro_category = 'books';`

Limit Query:

`SELECT * FROM `shoppind_table` limit 6 OFFSET 5;`

pro_id	pro_name
6	Asus ROG Zephyrus G16
7	Nike Air Jordan 1
8	Rolex Submariner
9	Sony WH-1000XM5
10	Dell Ultrasharp U3223QE
11	Apple iPad Pro M3

`SELECT * FROM `shoppind_table` WHERE pro_companyaddress = 'USA' limit 4;`

pro_type	pro_company	pro_companyaddress	pro_companyemail
laptop	Apple	USA	apple@gmail.com
mobile	apple	USA	applemobile@gmail.com
footwear	Nike	USA	support@nike.com
monitor	Dell	USA	support@dell.com

`SELECT * FROM `shoppind_table` ORDER BY pro_companyaddress DESC limit 4;`

	pro_category	pro_type	pro_company
stic	music	musical instrument	Yamaha
	appliances	refrigerator	Whirlpool
ect	accessories	smartwatch	Tissot
	electronics	headphones	Sony

<b>Min Query:</b> <u>select min</u> (pro_value)as small from `shoppind_table`;	<b>Max Query:</b> <u>select MAX</u> (pro_value)as big from `shoppind_table`;
<div> <div>small</div> <div>128000</div> </div>	<div> <div>big</div> <div>950000</div> </div>

<b>Count Query:</b> <u>SELECT COUNT</u> (pro_name) from `shoppind_table`;	<b>Avg Query:</b> <u>SELECT AVG</u> (pro_value) from `shoppind_table`;	<b>Sum Query:</b> <u>SELECT sum</u> (pro_value) from `shoppind_table`;
<div> <div>COUNT(pro_name)</div> <div>17</div> </div>	<div> <div>AVG(pro_value)</div> <div>164764.70588235295</div> </div>	<div> <div>sum(pro_value)</div> <div>2801000</div> </div>

### Like Query:

SELECT \* FROM `shopping\_table` WHERE pro\_category LIKE '%s' LIMIT 3;

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
1	HP Laptop	electronics	laptop	HP	JAPAN	support@hp.com	2025-01-01	2026-01-01	80000	a portable computer that has a screen, keyboard, ...	50
2	Apple Laptop	electronics	laptop	Apple	USA	apple@gmail.com	2024-03-17	2027-03-17	150000	a portable computer that has a screen, keyboard, ...	30
3	Dell laptop	electronics	laptop	Dell	India	dell@gmail.com	2020-05-22	2026-05-22	50000	a portable computer that has a screen, keyboard, ...	10

SELECT \* FROM `shopping\_table` WHERE pro\_category LIKE 'f%';

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
7	Nike Air Jordan 1	fashion	footwear	Nike	USA	support@nike.com	2024-10-01	2030-10-01	25000	A stylish and comfortable sneaker designed for bas...	200



SELECT \* FROM `shopping\_table` WHERE pro\_company LIKE '%le%';

pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
Apple Laptop	electronics	laptop	Apple	USA	apple@gmail.com	2024-03-17	2027-03-17	150000	a portable computer that has a screen, keyboard, ...	30
iPhone 16 pro max	electronics	mobile	apple	USA	applemobile@gmail.com	2025-01-25	2026-01-25	128000	a portable, handheld device that allows users to m...	100
Rolex Submariner	accessories	wristwatch	Rolex	Switzerland	support@rolex.com	2024-09-20	2040-09-20	950000	A luxury dive watch with precision engineering.	20
Apple iPad Pro M3	tablet	tablet	Apple	USA	support@apple.com	2025-02-10	2030-02-10	50000	A powerful tablet with an M3 chip and Liquid Retin...	100
Lego Star Wars Millennium Falcon	toys	building set	Lego	NULL	support@lego.com	2024-12-20	2050-12-20	35000	A highly detailed Lego set of the iconic Millenniu...	150

SELECT \* FROM `shopping\_table` WHERE pro\_company LIKE '\_e%';

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
3	Dell laptop	electronics	laptop	Dell	India	dell@gmail.com	2020-05-22	2026-05-22	50000	a portable computer that has a screen, keyboard, ...	10
10	Dell Ultrasharp U3223QE	electronics	monitor	Dell	USA	support@dell.com	2024-07-18	2030-07-18	70000	A 32-inch 4K monitor with an ultra-wide color gamu...	40
14	Lego Star Wars Millennium Falcon	toys	building set	Lego	NULL	support@lego.com	2024-12-20	2050-12-20	35000	A highly detailed Lego set of the iconic Millenniu...	150

SELECT \* FROM `shopping\_table` WHERE pro\_companyaddress LIKE 's\_%' LIMIT 2;

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
5	Samsung QLED 8K TV	electronics	television	Samsung	South Korea	support@samsung.com	2024-11-10	2030-11-10	450000	A high-end smart TV with an 8K resolution and AI u...	50
8	Rolex Submariner	accessories	wristwatch	Rolex	Switzerland	support@rolex.com	2024-09-20	2040-09-20	950000	A luxury dive watch with precision engineering.	20

SELECT \* FROM `shopping\_table` WHERE pro\_type LIKE 'g%p';

pro_id	pro_name	pro_category	pro_type	pro_company	pro_companyaddress	pro_companyemail	pro_manufacturedate	pro_ecpiredate	pro_value	pro_details	pro_stock
6	Asus ROG Zephyrus G16	laptop	gaming laptop	Asus	Taiwan	support@asus.com	2024-12-15	2028-12-15	185000	A high-performance gaming laptop with RTX 4090 and...	30