

Queries and outcomes

- select Product_Name, Sale_Price from walmartdata order by Sale_Price desc LIMIT 1

```
123
124 • select Product_Name, Sale_Price from walmartdata order by Sale_Price desc LIMIT 1
125
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
Product_Name	Sale_Price			
Gared Sports 9616WL 8 ft. Extension Gared Pro...	13280.81			

- Most expensive product of same category

select Product_Name, Sale_Price from walmartdata group by category order by Sale_Price desc LIMIT 1

```
4 • select Product_Name, Sale_Price from walmartdata group by category order by Sale_Price desc LIMIT 1
5 -- select * from appleproductincomegroup
6 -- select * from appleproductincomegroup
```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
Product_Name	Sale_Price			
First Team Storm Pro Steel-Glass Portable Baske...	5700			

The product are cheapest and present on Amazon and Walmart.

- select * from walmartdata w INNER JOIN amazon a ON w.Product_Name = a.Product_Name group by w.Product_Name order by Sale_Price desc;

123

Uniq_Id	Crawl_Timestamp	Product_Url	Product_Name	Sale_Price	Brand	Item
def5fafd37f92e0919f2cd81760c8a23	2019-12-18 21:51:26 +0000	https://www.walmart.com/ip/Tropicana-Original...	Orange juice	3.78	Tropicana	55
ae0918c0e131d484fc714043f5c3780d	2019-12-19 03:33:09 +0000	https://www.walmart.com/ip/Swingline-Stapler-...	Swingline office stapler	7.99	Swingline	55
a00045fa5896a74b04694ebdc6f0597	2019-12-18 23:22:07 +0000	https://www.walmart.com/ip/Apple-AirTag/475...	Air Tag	12.99	Apple	57
5b30d9a27cad1954f07c1f21aec89d54	2019-12-18 12:47:33 +0000	https://www.walmart.com/ip/Vita-Coco-Coconu...	Vita coco coconut water	13.76	Vita coco	55
46fd343df6996458ed867f982e27dd1b	2019-12-19 07:14:24 +0000	https://www.walmart.com/ip/Expo-Low-Odor-D...	Marker	13.86	Expo	55

Result 57 x

Output :

The product is the most expensive and is present on Amazon and Walmart.

- select * from walmartdata w INNER JOIN amazon a ON w.Product_Name = a.Product_Name group by w.Product_Name order by Sale_Price desc;

129

130 • select * from walmartdata w INNER JOIN amazon a ON w.Product_Name = a.Product_Name group by w.Product_Name order by Sale_Price desc;

Crawl_Timestamp	Product_Url	Product_Name	Sale_Price	Brand	Item_Number	Gtin	Product_inovati
019-12-19 00:46:26 +0000	https://www.walmart.com/ip/Mendini-BY-Cecilio...	Drums	240.99	Mendini	577473126	985770750	NULL
019-12-19 07:33:11 +0000	https://www.walmart.com/ip/Perrier-Sparkling-...	Perrier carbonated mineral water	215.82	Babolat	NULL	339860726	NULL
019-12-18 11:04:33 +0000	https://www.walmart.com/ip/Yamaha-F325D-A...	Yamaha 325D acoustic guitar	169.99	Yamaha	570387888	907690743	NULL
019-12-19 07:28:49 +0000	https://www.walmart.com/ip/Hamzer-61-Key-El...	61 key portable piano	85.99	Hamzer	NULL	792799279	NULL
019-12-18 08:42:01 +0000	https://www.walmart.com/ip/Viking-Play-Mat-F...	Viking Play Mat- Fun Road Design- 38.5 inches x...	37.99	Viking	552097190	20894676	NULL

Count of total apple products sold by apple

- select count(*)from apple_product_price

```

102 -- select * from barnes b INNER JOIN ebay e on b.prod_name = e.prod_name
103 • select count(*) from apple_product_price
104 -- w.product_name, w.Sale_Price as walmart_price , e.price as ebay_price
105 -- select * from walmartdata w inner join amazon a on w.Product_name = a.Product_name
106 -- inner join ebay e on w.Product_name = e.prod_name where w.Category = "Office Supplies | Paper | All Paper & Printable Media"
107 -- select e.prod_name, e.price, w.Sale_Price from ebay e inner join walmartdata w on e.prod_name = w.Product_name
108 -- drop table barensfinal;
109 -- select * from dffinal;
110 ALTER TABLE barensfinal

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
count(*)			
448			

- select * from walmartdata w inner join amazon a on w.Product_name = a.Product_name inner join ebay e on w.Product_name = e.prod_name where w.Category = "Office Supplies | Paper | All Paper & Printable Media"

```

129 • select * from walmartdata w inner join amazon a on w.Product_name = a.Product_name
130 inner join ebay e on w.Product_name = e.prod_name where w.Category = "Office Supplies | Paper | All Paper & Printable Media"
131 select e.prod_name, e.price, w.Sale_Price from ebay e inner join walmartdata w on e.prod_name = w.Product_name

```

Uniq_Id	Crawl_Timestamp	Product_Url	Product_Name	Sale_Price	Brand	Item_Number	Gtin
ae0918c0e131d484fc714043f5c3780d	2019-12-19 03:33:09 +0000	https://www.walmart.com/ip/Swingline-Stapler-...	Swingline office stapler	7.99	Swingline	NULL	322790981
46fd343df6996458ed867f982e27dd1b	2019-12-19 07:14:24 +0000	https://www.walmart.com/ip/Expo-Low-Odor-D...	Marker	13.86	Expo	552275759	19268657

All Tables after Normalization

```
127 • select * from appleproductincomegroup;
```

```
128
```

Result Grid  Filter Rows: Export:  Wrap Cell Content: 




	country	region	incomegroup
▶	Australia	East Asia & Pacific	High income
	Australia	East Asia & Pacific	High income
	Australia	East Asia & Pacific	High income
	Australia	East Asia & Pacific	High income
	Australia	East Asia & Pacific	High income
	Australia	East Asia & Pacific	High income

appleproductincomegroup 63 ×

```
126 -- select * from appleproductincomegroup
```

```
127 • select * from apple_product_price;
```

```
128
```

Result Grid  Filter Rows: Export:  Wrap Cell Content: 



	pid	model	price	country_code	country	region	incomegroup	scraped_date
▶	0	iPhone 13	From A\$1,199	au	Australia	East Asia & Pacific	High income	52:06.6
	1	iPhone SE	From A\$679	au	Australia	East Asia & Pacific	High income	52:06.6
	2	iPhone 12	From A\$999	au	Australia	East Asia & Pacific	High income	52:06.6
	3	AirPods(3rd generation)	A\$279	au	Australia	East Asia & Pacific	High income	52:06.6
	4	AirPods Pro	A\$399	au	Australia	East Asia & Pacific	High income	52:06.6
	5	AirPods(2nd generation)	A\$219	au	Australia	East Asia & Pacific	High income	52:06.6

apple_product_price64 ×

Output

```
127 • select * from barenfinal;
```

```
128
```

Result Grid  Filter Rows: Export:  Wrap Cell Content: 

	category	Price	webiste	bookname	volume
▶	book	12.99	barnes	Heartstopper	Volume 2
	book	12.99	barnes	Heartstopper	Volume 1
	book	19.99	barnes	The Mothers and Daughters of the Bible Speak: ...	
	book	14.99	barnes	Book Lovers	
	book	14.99	barnes	Knight Owl	
	book	31.99	barnes	Fifty Shades Freed 10th Anniversary Edition	

barenfinal 65 ×

Output

127 • `select * from bestbuy;`

128

Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content: Fetch rows:									
	id	asins	brand	categories	colors	dateAdded	dateUpdated	dimension	ean
▶	AVpf3txeLJeJML43FN82	B0168YIWSI	Microsoft	Electronics,Computers,Computer Accessories,K...	Black	2015-11-13T12:28:09Z	2018-01-29T02:15:13Z	11.6 in x 8.5 in x 0.19 in	89000000
	AVpf3txeLJeJML43FN82	B0168YIWSI	Microsoft	Electronics,Computers,Computer Accessories,K...	Black	2015-11-13T12:28:09Z	2018-01-29T02:15:13Z	11.6 in x 8.5 in x 0.19 in	89000000
	AVpf3txeLJeJML43FN82	B0168YIWSI	Microsoft	Electronics,Computers,Computer Accessories,K...	Black	2015-11-13T12:28:09Z	2018-01-29T02:15:13Z	11.6 in x 8.5 in x 0.19 in	89000000
	AVpf3txeLJeJML43FN82	B0168YIWSI	Microsoft	Electronics,Computers,Computer Accessories,K...	Black	2015-11-13T12:28:09Z	2018-01-29T02:15:13Z	11.6 in x 8.5 in x 0.19 in	89000000
	AVpf3txeLJeJML43FN82	B0168YIWSI	Microsoft	Electronics,Computers,Computer Accessories,K...	Black	2015-11-13T12:28:09Z	2018-01-29T02:15:13Z	11.6 in x 8.5 in x 0.19 in	89000000

127 • `select * from ebay;`

128

Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content:					
	prod_name	category	price	Rating	webiste
▶	The Lost Book of Herbal Remedies	book	37	4.8	ebay
	Paper clips	office supplies	13.99	4	ebay
	Heartstopper, Volume 1	book	21.95	5	ebay
	Holy Bible: King James Version (Barnes & Noble ...	book	31.5	5	ebay
	Vita coco coconut water	beverages	13.76	4.6	ebay
	Run, Rose, Run : A Novel	book	14	4.8	ebay

ebay 67 ×

27 • `select * from ebay;`

30

Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content:					
	prod_name	category	price	Rating	webiste
	The Lost Book of Herbal Remedies	book	37	4.8	ebay
	Paper clips	office supplies	13.99	4	ebay
	Heartstopper, Volume 1	book	21.95	5	ebay
	Holy Bible: King James Version (Barnes & Noble ...	book	31.5	5	ebay
	Vita coco coconut water	beverages	13.76	4.6	ebay
	Run, Rose, Run : A Novel	book	14	4.8	ebay

ay 68 ×

127 • `select * from walmart_product;`

130

Result Grid	Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
Product_Url	Product_Name	Brand	Product_inovation	Category
▶ https://www.walmart.com/ip/La-Costena-Chipo...	La Costena Chipotle Peppers, 7 OZ (Pack of 12)	La CosteÃ	NULL	Food Meal Solutions, Grains & Pasta Canned ...
https://www.walmart.com/ip/Equate-Triamcinol...	Equate Triamcinolone Acetonide Nasal Allergy S...	Equate	NULL	Health Equate Equate Allergy Equate Sinus ...
https://www.walmart.com/ip/AduroSmart-ERIA...	AduroSmart ERIA Soft White Smart A19 Light B...	AduroSmart ERIA	NULL	Electronics Smart Home Smart Energy and Li...
https://www.walmart.com/ip/24-Classic-Adjust...	24" Classic Adjustable Balloon Fender Set Chro...	lowrider	NULL	Sports & Outdoors Bikes Bike Accessories Bi...
https://www.walmart.com/ip/Elephant-Shape-Si...	Elephant Shape Silicone Drinkware Portable Silic...	Anself	NULL	Baby Feeding Sippy Cups: Alternatives to Pla...
https://www.walmart.com/ip/6-Boxes-Twinings-...	(6 Boxes) Twinings of London Nightly Calm Gree...	Twinings	NULL	Food Beverages Tea All Tea

walmart_product 69 x