

EXAMPLE #6

GET THE LARGEST 1 (OR 2 OR N) RESULTS OF A
PARTICULAR QUERY

GET THE LARGEST 1 (OR 2 OR N)
RESULTS OF A PARTICULAR QUERY

THIS IS SOMETHING WE HAVE
GLOSSED OVER 3 TIMES NOW

TIME TO GO BACK AND CLEAN THIS UP :-)

FIND THE BEST PERFORMING STORE

ERR..PLEASE DEFINE 'BEST PERFORMING'?

ONCE WE GET THE TOTAL SALES IT'S EASY TO SEE WHICH STORE IS THE BEST PERFORMING

EASY!

- FIND THE TOTAL SALES ACROSS ALL PRODUCTS FOR EACH STORE.

- THE STORE WITH THE HIGHEST TOTAL SALES IS THE BEST PERFORMING STORE

**FIND THE TOTAL SALES ACROSS ALL
PRODUCTS FOR EACH STORE.**

```
SELECT      StoreLocation,  
            SUM (REVENUE) TotalRevenue
```

```
FROM        Sales_Data
```

```
GROUP BY    StoreLocation;
```

FIND THE TOTAL SALES OF EACH PRODUCT FOR EACH STORE
FROM THIS, THE BEST PERFORMING STORE IS KORAMANGALA

StoreLocation	TotalRevenue
Bellandur	42,347.07
Koramangala	48,129.38

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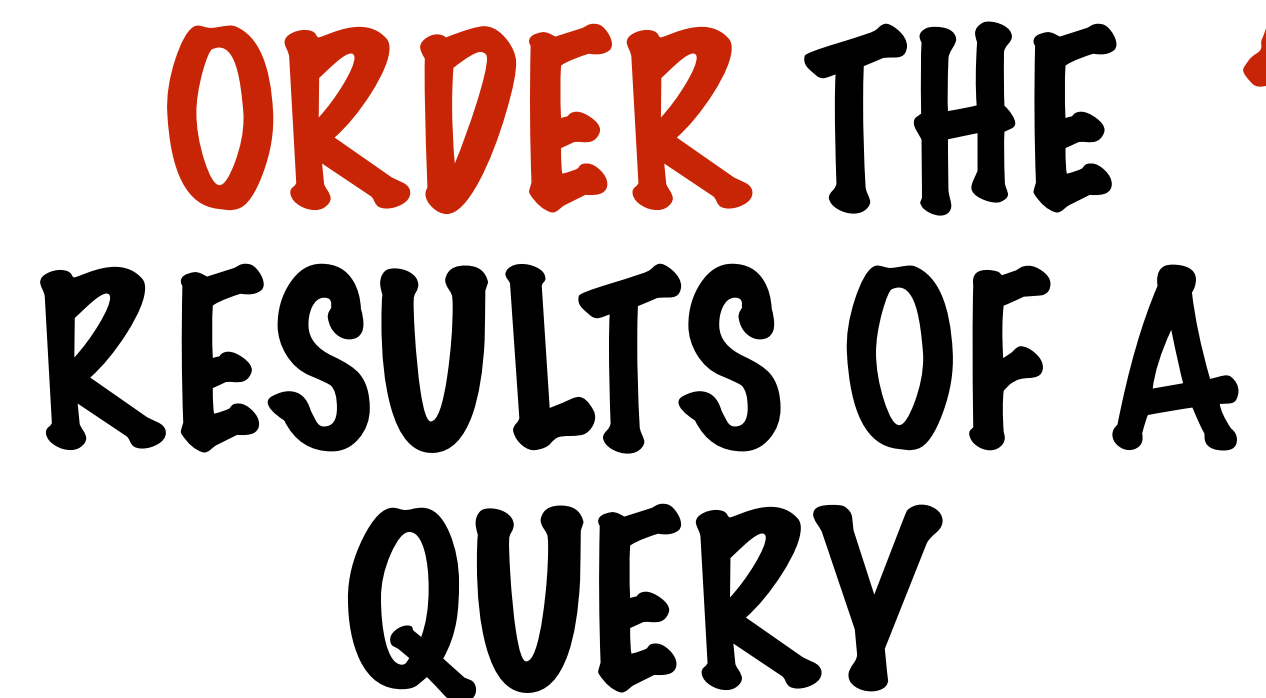
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THIS IS SOMETHING WE HAVE **GLOSSED OVER 3 TIMES** NOW
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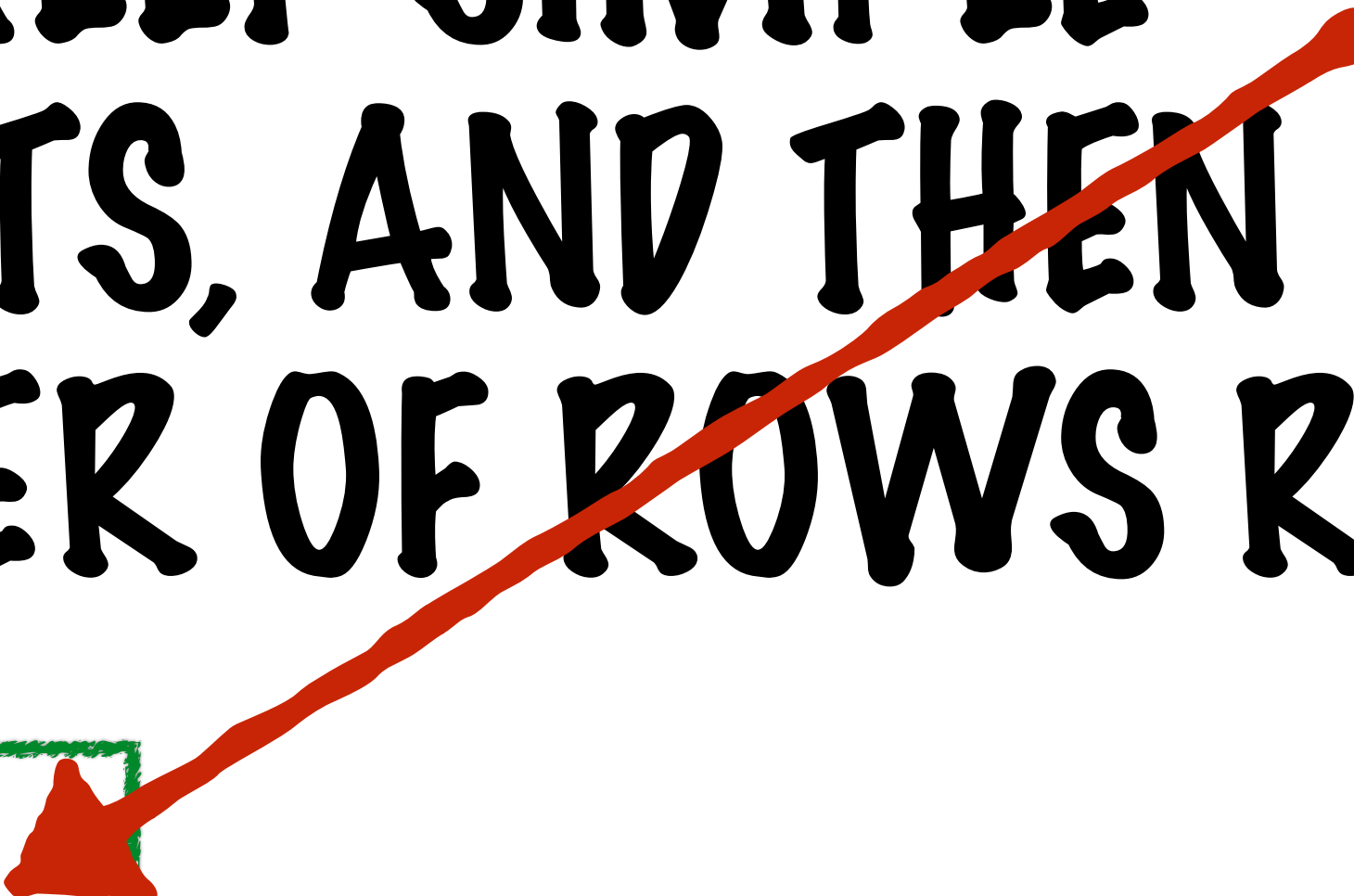
ITS REALLY SIMPLE - **ORDER** THE
RESULTS, AND THEN **LIMIT** THE
NUMBER OF ROWS RETURNED!!

GET THE LARGEST 1 (OR 2 OR N)
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ORDER THE
RESULTS OF A
QUERY



LIMIT HOW MANY
ROWS ARE INCLUDED
IN THE QUERY
RESULT

ORDER THE RESULTS OF A QUERY

```
SELECT    StoreLocation,  
          SUM (REVENUE) TotalRevenue
```

```
FROM      Sales_Data
```

```
GROUP BY  StoreLocation;
```

**FIND THE TOTAL SALES ACROSS ALL
PRODUCTS FOR EACH STORE.**

DEFAULT ORDER

StoreLocation	TotalRevenue
Bellandur	42,347.07
Koramangala	48,129.38

ORDER BY StoreLocation;

```
SELECT    StoreLocation,  
          SUM (REVENUE) TotalRevenue  
  
FROM      Sales_Data  
  
GROUP BY  StoreLocation;  
  
ORDER BY  StoreLocation;
```

ORDER BY StoreLocation;

StoreLocation	TotalRevenue
Bellandur	42,347.07
Koramangala	48,129.38

ORDER BY TotalRevenue **DESC;**

SELECT StoreLocation,
SUM (REVENUE) TotalRevenue

FROM Sales_Data

GROUP BY StoreLocation;

ORDER BY TotalRevenue **DESC;**

DESC REVERSES THE ORDER OF A SORT

ORDER BY TotalRevenue DESC;

StoreLocation	TotalRevenue
Koramangala	48,129.38
Bellandur	42,347.07

ORDER THE RESULTS OF A QUERY

```
SELECT      Product,  
            SUM (REVENUE) TotalRevenue  
  
FROM        Sales_Data  
  
GROUP BY    Product;
```

**FIND THE TOTAL SALES ACROSS
ALL STORES FOR EACH PRODUCT**

DEFAULT ORDER

Product	TotalRevenue
Bananas	28,937.32
Milk	9898.77
Nutella	26,559.77
Peanut Butter	25,080.59

ORDER BY TotalRevenue **DESC;**

SELECT Product,
SUM (REVENUE) TotalRevenue

FROM Sales_Data

GROUP BY Product;

ORDER BY TotalRevenue **DESC;**

DESC REVERSES THE ORDER OF A SORT

ORDER BY TotalRevenue DESC;

Product	TotalRevenue
Bananas	28,937.32
Nutella	26,559.77
Peanut Butter	25,080.59
Milk	9898.77

ORDER BY Product;

```
SELECT      Product,  
            SUM (REVENUE) TotalRevenue  
  
FROM        Sales_Data  
  
GROUP BY    Product;  
  
ORDER BY    Product;
```

ORDER BY Product;

Product	AvgDailyRevenue
Bananas	28,937.32
Milk	9898.77
Nutella	26,559.77
Peanut Butter	25,080.59

ORDER THE RESULTS OF A QUERY

```
SELECT      Product, StoreLocation
            AVG (REVENUE) AvgDailyRevenue

FROM        Sales_Data

GROUP BY    Product, StoreLocation;
```

**FIND THE AVERAGE DAILY SALES FOR
ALL STORE-PRODUCT COMBINATIONS**

DEFAULT ORDER

StoreLocation	Product	AvgRevenue
Bellandur	Bananas	5,289.33
Bellandur	Milk	3,488.87
Bellandur	Nutella	6,900.39
Bellandur	Peanut Butter	5,494.95
Koramangala	Bananas	9,179.33
Koramangala	Milk	1,460.52
Koramangala	Nutella	6,379.50
Koramangala	Peanut Butter	7,045.35

ORDER BY **Product;**

SELECT **Product, StoreLocation**
AVG (REVENUE) AvgDailyRevenue

FROM **Sales_Data**

GROUP BY **Product, StoreLocation;**

ORDER BY **Product;**

ORDER BY

Product;

StoreLocation	Product	AvgRevenue
Bellandur	Bananas	5,289.33
Koramangala	Bananas	9,179.33
Bellandur	Milk	3,488.87
Koramangala	Milk	1,460.52
Bellandur	Nutella	6,900.39
Koramangala	Nutella	6,379.50
Bellandur	Peanut Butter	5,494.95
Koramangala	Peanut Butter	7,045.35

ORDER BY StoreLocation **DESC;**

SELECT Product, StoreLocation
AVG (REVENUE) AvgDailyRevenue


FROM Sales_Data

GROUP BY Product, StoreLocation;

ORDER BY StoreLocation **DESC;**

DESC REVERSES THE ORDER OF A SORT

ORDER BY StoreLocation DESC;

StoreLocation		Product	AvgRevenue
Koramangala		Bananas	9,179.33
Koramangala		Milk	1,460.52
Koramangala		Nutella	6,379.50
Koramangala		Peanut Butter	7,045.35
Bellandur		Bananas	5,289.33
Bellandur		Milk	3,488.87
Bellandur		Nutella	6,900.39
Bellandur		Peanut Butter	5,494.95

ORDER BY StoreLocation,Product **DESC;**

SELECT Product, StoreLocation
AVG (REVENUE) AvgDailyRevenue



FROM Sales_Data

GROUP BY Product, StoreLocation;

ORDER BY StoreLocation,Product **DESC;**

ORDER BY AS MANY COLUMNS AS YOU NEED TO!

ORDER BY StoreLocation,Product DESC;

StoreLocation		Product		AvgRevenue
Bellandur		Peanut Butter		5,494.95
Bellandur		Nutella		6,900.39
Bellandur		Milk		3,488.87
Bellandur		Bananas		5,289.33
Koramangala		Peanut Butter		7,045.35
Koramangala		Nutella		6,379.50
Koramangala		Milk		1,460.52
Koramangala		Bananas		9,179.33

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