# **MYSQL TASK**

Query 1:

sult Grid	Filter Rows:			Export: W	rap Cell C	Content: IA
index	SKU_Code	Design No.	Stock	Category	Size	Color
7	AN202-ORANGE-S	AN202	16	AN: LEGGINGS	S	Orange
8	AN202-ORANGE-XL	AN202	8	AN: LEGGINGS	XL	Orange
9	AN202-ORANGE-XXL	AN202	14	AN: LEGGINGS	XXL	Orange
10	AN203-MAROON-L	AN203	1	AN: LEGGINGS	L	Maroon
11	AN203-MAROON-M	AN203	2	AN: LEGGINGS	M	Maroon
12	AN203-MAROON-S	AN203	2	AN: LEGGINGS	S	Maroon
13	AN203-MAROON-XL	AN203	2	AN: LEGGINGS	XL	Maroon
14	AN203-MAROON-XXL	AN203	3	AN: LEGGINGS	XXL	Maroon
15	AN204-PURPLE-L	AN204	10	AN: LEGGINGS	L	Purple
16	AN204-PURPLE-M	AN204	4	AN: LEGGINGS	M	Purple
17	AN204-PURPLE-S	AN204	6	AN: LEGGINGS	S	Purple
18	AN204-PURPLE-XL	AN204	3	AN: LEGGINGS	XL	Purple
19	AN204-PURPLE-XXL	AN204	5	AN: LEGGINGS	XXL	Purple
20	AN205-YELLOW-L	AN205	9	AN: LEGGINGS	L	Yellow
21	AN205-YELLOW-M	AN205	7	AN: LEGGINGS	M	Yellow
22	AN205-YELLOW-S	AN205	6	AN: LEGGINGS	S	Yellow
23	AN205-YELLOW-XL	AN205	7	AN: LEGGINGS	XL	Yellow
24	AN205-YELLOW-XXL	AN205	13	AN: LEGGINGS	XXL	Yellow
25	AN206-GREEN-L	AN206	10	AN: LEGGINGS	L	Green
26	AN206-GREEN-M	AN206	13	AN: LEGGINGS	M	Green
27	AN206-GREEN-S	ΔN206	13	AN · I FEGINGS	5	Green

Query 2:

index	SKU_Code	Design No.	Stock	Category	Size	Color
7	AN202-ORANGE-S	AN202	16	AN: LEGGINGS	S	Orange
3	AN202-ORANGE-XL	AN202	8	AN: LEGGINGS	XL	Orange
9	AN202-ORANGE-XXL	AN202	14	AN: LEGGINGS	XXL	Orange
10	AN203-MAROON-L	AN203	1	AN: LEGGINGS	L	Maroon
11	AN203-MAROON-M	AN203	2	AN: LEGGINGS	M	Maroon
12	AN203-MAROON-S	AN203	2	AN: LEGGINGS	S	Maroon
13	AN203-MAROON-XL	AN203	2	AN: LEGGINGS	XL	Maroon
14	AN203-MAROON-XXL	AN203	3	AN: LEGGINGS	XXL	Maroon
15	AN204-PURPLE-L	AN204	10	AN: LEGGINGS	L	Purple
16	AN204-PURPLE-M	AN204	4	AN: LEGGINGS	M	Purple
17	AN204-PURPLE-S	AN204	6	AN: LEGGINGS	S	Purple
18	AN204-PURPLE-XL	AN204	3	AN: LEGGINGS	XL	Purple
19	AN204-PURPLE-XXL	AN204	5	AN: LEGGINGS	XXL	Purple
20	AN205-YELLOW-L	AN205	9	AN: LEGGINGS	L	Yellow
21	AN205-YELLOW-M	AN205	7	AN: LEGGINGS	M	Yellow
22	AN205-YELLOW-S	AN205	6	AN: LEGGINGS	S	Yellow
23	AN205-YELLOW-XL	AN205	7	AN: LEGGINGS	XL	Yellow
24	AN205-YELLOW-XXL	AN205	13	AN: LEGGINGS	XXL	Yellow
25	AN206-GREEN-L	AN206	10	AN: LEGGINGS	L	Green
26	AN206-GREEN-M	AN206	13	AN: LEGGINGS	M	Green
77	AN206-GREEN-S	ΔN206	13	AN · I FEGINGS	5	Green

Query 3:

	SKU_Code	Stock	Category	Color			
•	BL096-L	2	BLOUSE	Beige	-		
	CH209-BIEGE-M	3	AN: LEGGINGS	Beige			
	BTM007-L	2	BOTTOM	Beige			
	BL010-61CHIKU	75	BLOUSE	Beige			
	BTM029-NP-XL	2	PANT	Beige			
	#REF!	0	BLOUSE	Beige			
	CH209-BIEGE-S	4	AN: LEGGINGS	Beige			
	BL030-78BEIGE	10	BLOUSE	Beige			
	BL014-62CHIKU	73	BLOUSE	Beige			
	BTM029-NP-XS	2	PANT	Beige			
	BL022-71BEIGE	106	BLOUSE	Beige			
	#REF!	0	BLOUSE	Beige			
	BTM007-M	1	BOTTOM	Beige			
	BL018-63BEIGE	39	BLOUSE	Beige			
	#REF!	0	BLOUSE	Beige			
	BTM007-S	2	BOTTOM	Beige			
	BTM007-XL	3	BOTTOM	Beige			
	BTM007-XS	2	BOTTOM	Beige			
	BTM007-XXL	2	BOTTOM	Beige			
	BTM029-NP-L	2	PANT	Beige			
	CH209-BIEGE-XL	4	AN: LEGGINGS	Beige			
sa	e_report 42 ×	22	DI OLIGE				

Query 4:

	Color	stock_sum
•	Black	5400
,	Mustard	1825
	Pink	1223
	Navy Blue	1076
	Red	1041
	Peach	879
	White	862
	Sea Green	813
	Gold	799
	Green	795
	Brown	568
	Multicolor	568
	Maroon	566
	Beige	553
	Grey	547
	Light Green	365
	OFF WHITE	333
	Cream	266
	Orange	159
	Blue	152
	LEMON	150
Res	sult 43 ×	100
reco	July 10 X	

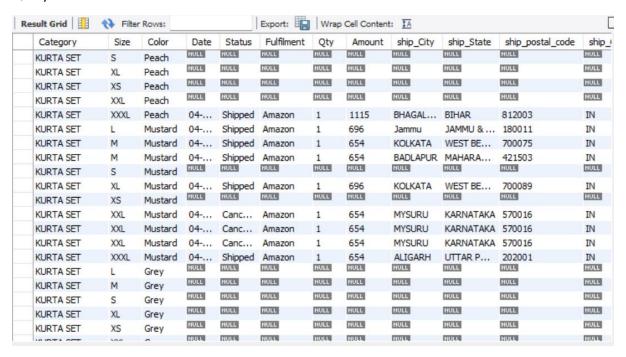
## Query 5:

	Color	stock_sum				
<b>&gt;</b>	Black	5400				
	Mustard	1825				
	Pink	1223				
	Navy Blue	1076				
	Red	1041				
	Peach	879				
	White	862				
	Sea Green	813				
	Gold	799				
	Green	795				
	Brown	568				
	Multicolor	568				
	Maroon	566				
	Beige	553				
	Grey	547				
	Light Green	365				
	OFF WHITE	333				
	Cream	266				
	Orange	159				
	Blue	152				
	LEMON	150				
Res	sult 43 ×	100				

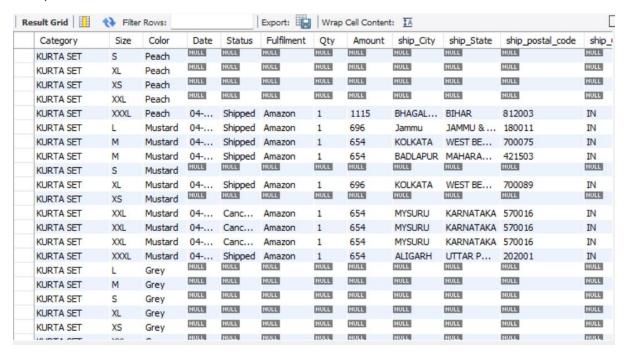
## Query 6:

Result Grid	Filter Row	/s:		Export: V	/rap Cell	Content: 1
index	SKU_Code	Design No.	Stock	Category	Size	Color
0	AN201-RED-L	AN201	5	AN: LEGGINGS	L	Red
1	AN201-RED-M	AN201	5	AN: LEGGINGS	M	Red
2	AN201-RED-S	AN201	3	AN: LEGGINGS	S	Red
3	AN201-RED-XL	AN201	6	AN: LEGGINGS	XL	Red
5	AN202-ORANGE-L	AN202	11	AN: LEGGINGS	L	Orange
6	AN202-ORANGE-M	AN202	3	AN: LEGGINGS	M	Orange
7	AN202-ORANGE-S	AN202	16	AN: LEGGINGS	S	Orange
8	AN202-ORANGE-XL	AN202	8	AN: LEGGINGS	XL	Orange
10	AN203-MAROON-L	AN203	1	AN: LEGGINGS	L	Maroon
11	AN203-MAROON-M	AN203	2	AN: LEGGINGS	M	Maroon
12	AN203-MAROON-S	AN203	2	AN: LEGGINGS	S	Maroon
13	AN203-MAROON-XL	AN203	2	AN: LEGGINGS	XL	Maroon
15	AN204-PURPLE-L	AN204	10	AN: LEGGINGS	L	Purple
16	AN204-PURPLE-M	AN204	4	AN: LEGGINGS	M	Purple
17	AN204-PURPLE-S	AN204	6	AN: LEGGINGS	S	Purple
18	AN204-PURPLE-XL	AN204	3	AN: LEGGINGS	XL	Purple
20	AN205-YELLOW-L	AN205	9	AN: LEGGINGS	L	Yellow
21	AN205-YELLOW-M	AN205	7	AN: LEGGINGS	M	Yellow
22	AN205-YELLOW-S	AN205	6	AN: LEGGINGS	S	Yellow
23	AN205-YELLOW-XL	AN205	7	AN: LEGGINGS	XL	Yellow
25	∆N206-GREEN-I	ΔN206	10	AN + LEGGINGS	1	Green

#### Query 7:



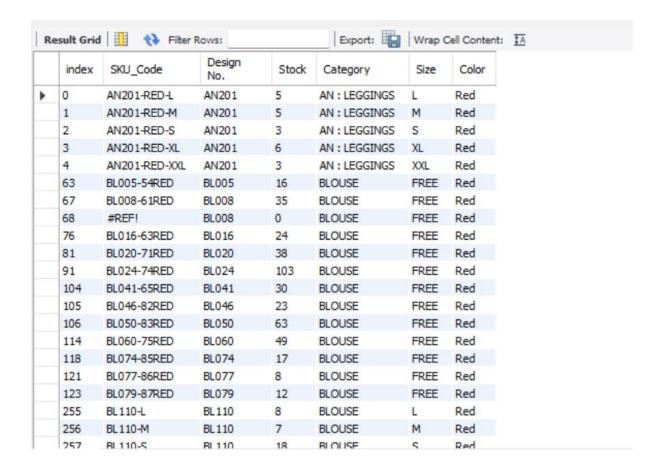
#### Query 8:



#### Query 9:

	index	SKU_Code	Design No.	Stock	Category	Size	Color
•	0	AN201-RED-L	AN201	5	AN: LEGGINGS	L	Red
	1	AN201-RED-M	AN201	5	AN: LEGGINGS	M	Red
	2	AN201-RED-S	AN201	3	AN: LEGGINGS	S	Red
	3	AN201-RED-XL	AN201	6	AN : LEGGINGS	XL	Red
	4	AN201-RED-XXL	AN201	3	AN: LEGGINGS	XXL	Red
	63	BL005-54RED	BL005	16	BLOUSE	FREE	Red
	67	BL008-61RED	BL008	35	BLOUSE	FREE	Red
	68	#REF!	BL008	0	BLOUSE	FREE	Red
	76	BL016-63RED	BL016	24	BLOUSE	FREE	Red
	81	BL020-71RED	BL020	38	BLOUSE	FREE	Red
	91	BL024-74RED	BL024	103	BLOUSE	FREE	Red
	104	BL041-65RED	BL041	30	BLOUSE	FREE	Red
	105	BL046-82RED	BL046	23	BLOUSE	FREE	Red
	106	BL050-83RED	BL050	63	BLOUSE	FREE	Red
	114	BL060-75RED	BL060	49	BLOUSE	FREE	Red
	118	BL074-85RED	BL074	17	BLOUSE	FREE	Red
	121	BL077-86RED	BL077	8	BLOUSE	FREE	Red
	123	BL079-87RED	BL079	12	BLOUSE	FREE	Red
	255	BL110-L	BL110	8	BLOUSE	L	Red
	256	BL110-M	BL110	7	BLOUSE	M	Red
	257	RI 110-S	BI 110	18	BLOUSE	5	Red

Query 10:



### **Explaining Optimization:**

