

```

25  -- View schema
26  •  SELECT * FROM all_data;
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```

	Order_ID	Product	Quantity_Ordered	Price_Each	Order_Date	Purchase_Address	Order_Month	Sales	City
▶	176558	USB-C Charging Cable	2	11.95	04/19/19 08:46	917 1st St, Dallas, TX 75001	4	24	Dallas
	176559	Bose SoundSport Headphones	1	99.99	04-07-2019 22:30	682 Chestnut St, Boston, MA 02215	7	100	Boston
	176560	Google Phone	1	600	04-12-2019 14:38	669 Spruce St, Los Angeles, CA 90001	12	600	Los Angeles
	176560	Wired Headphones	1	11.99	04-12-2019 14:38	669 Spruce St, Los Angeles, CA 90001	12	12	Los Angeles
	176561	Wired Headphones	1	11.99	04/30/19 09:27	333 8th St, Los Angeles, CA 90001	4	12	Los Angeles
	176562	USB-C Charging Cable	1	11.95	04/29/19 13:03	381 Wilson St, San Francisco, CA 94016	4	12	San Francisco
	176563	Bose SoundSport Headphones	1	99.99	04-02-2019 07:46	668 Center St, Seattle, WA 98101	2	100	Seattle
	176564	USB-C Charging Cable	1	11.95	04-12-2019 10:58	790 Ridge St, Atlanta, GA 30301	12	12	Atlanta
	176565	Macbook Pro Laptop	1	1700	04/24/19 10:38	915 Willow St, San Francisco, CA 94016	4	1700	San Francisco
	176566	Wired Headphones	1	11.99	04-08-2019 14:05	83 7th St, Boston, MA 02215	8	12	Boston
	176567	Google Phone	1	600	04/18/19 17:18	444 7th St, Los Angeles, CA 90001	4	600	Los Angeles
	176568	Lightning Charging Cable	1	14.95	04/15/19 12:18	438 Elm St, Seattle, WA 98101	4	15	Seattle

27 • `SELECT count(*) FROM all_data;`

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	count(*)
▶	185950

```

48  /* Check datatype of all columns */
49  •  SELECT COLUMN_NAME, DATA_TYPE FROM INFORMATION_SCHEMA.COLUMNS
50     WHERE TABLE_SCHEMA = 'sales_data' AND
51          TABLE_NAME   = 'all_data' AND COLUMN_NAME in
52     (Select COLUMN_NAME FROM INFORMATION_SCHEMA.COLUMNS WHERE TABLE_SCHEMA = 'sales_data' AND
53      TABLE_NAME   = 'all_data');
54
55
56

```

Result Grid


Filter Rows:
Export: 
Wrap Cell Content: 

	COLUMN_NAME	DATA_TYPE
►	City	tinytext
	Order_Date	varchar
	Order_ID	mediumint
	Order_Month	smallint
	Price_Each	float
	Product	varchar
	Purchase_Address	varchar
	Quantity_Ordered	smallint
	Sales	mediumint

```
29  -- Best Month for Sale
30  •  SELECT Order_Month, SUM(Sales) AS Sales_in_USD FROM all_data GROUP BY Order_Month ORDER BY Order_Month DESC;
31
32
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36  /* DECEMBER is best month for sales */
37
```

	Order_Month	Sales_in_USD
▶	12	3926263
	11	3086983
	10	3476277
	9	2414270
	8	2447576
	7	2722464
	6	2685181
	5	3033909
	4	3230442
	3	2793676
	2	2394988
	1	2287384

```

33  -- Which city has max orders placed
34  •  SELECT city, SUM(Quantity_Ordered) AS Number_of_Orders FROM all_data GROUP BY city ORDER BY Number_of_Orders DESC;
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36
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38
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40
41  /* San Francisco city has placed max orders */

```



Result Grid  Filter Rows: Export:  Wrap Cell Content: 

	city	Number_of_Orders
▶	San Francisco	50239
	Los Angeles	33289
	New York City	27932
	Boston	22528
	Dallas	16730
	Atlanta	16602
	Seattle	16553
	Portland	14053
	Austin	11153

```

37  -- Which city generates max revenue
38  •  SELECT city, SUM(Sales) AS Total_Sales_in_USD FROM all_data GROUP BY city ORDER BY Total_Sales_in_USD DESC;
39
40
41
42
43
44  /* San Francisco city generates max revenue */
45

```

Result Grid 
 Filter Rows:
 Export: 
 Wrap Cell Content: 

	city	Total_Sales_in_USD
▶	San Francisco	8263965
	Los Angeles	5453750
	New York City	4665294
	Boston	3662442
	Atlanta	2796089
	Dallas	2768570
	Seattle	2748337
	Portland	2320992
	Austin	1819974

```

55  -- Which product sold most?
56  •  SELECT Product, SUM(Quantity_Ordered) AS Sum_of_Quantity_Ordered FROM all_data GROUP BY Product ORDER BY Sum_of_Quantity_Ordered DESC;
57
58  /* Batteries sold the most followed by Charging cable */
59

```

Result Grid

 Filter Rows:
 Export:
 Wrap Cell Content:

	Product	Sum_of_Quantity_Ordered
▶	AAA Batteries (4-pack)	31017
	AA Batteries (4-pack)	27635
	USB-C Charging Cable	23975
	Lightning Charging Cable	23217
	Wired Headphones	20557
	Apple Airpods Headphones	15661
	Bose SoundSport Headphones	13457
	27in FHD Monitor	7550
	iPhone	6849
	27in 4K Gaming Monitor	6244
	34in Ultrawide Monitor	6199
	Google Phone	5532
	Flatscreen TV	4819
	Macbook Pro Laptop	4728
	ThinkPad Laptop	4130
	20in Monitor	4129
	Vareebadd Phone	2068


```

61  -- Average Sales vs Quantity Ordered
62  • SELECT Product, ROUND(AVG(Sales),2) as Average_Sales_in_US_Dollars, SUM(Quantity_Ordered) AS Sum_of_Quantity_Ordered FROM all_data GROUP BY Product;
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64
65

```

	Product	Average_Sales_in_US_Dollars	Sum_of_Quantity_Ordered
▶	USB-C Charging Cable	13.14	23975
	Bose SoundSport Headphones	100.99	13457
	Google Phone	600.76	5532
	Wired Headphones	13.06	20557
	Macbook Pro Laptop	1701.44	4728
	Lightning Charging Cable	16.08	23217
	27in 4K Gaming Monitor	390.88	6244
	AA Batteries (4-pack)	5.36	27635
	Apple Airpods Headphones	151.08	15661
	AAA Batteries (4-pack)	4.51	31017
	iPhone	700.72	6849
	Flatscreen TV	301.19	4819
	27in FHD Monitor	150.86	7550
	20in Monitor	110.75	4129
	LG Dryer	600.00	646
	ThinkPad Laptop	1000.48	4130
	Vareebadd Phone	400.58	2068