

1

```

44  ---Create the different metrics like Sales
45  select year(order_purchase_timestamp) Year, o.product_id,o.price,
46  count(o.order_id) count_of_orders,(o.price * count(o.order_id))as total_sales
47  from order_items_dataset as o
48  join orders_dataset as od
49  on o.order_id=od.order_id
50  group by o.product_id,o.price,year(order_purchase_timestamp)
51  order by total_sales desc

```

%

Results Messages

Year	product_id	price	count_of_orders	total_sales
2018	3dd2a17168ec895c781a9191c1e95ad7	149	173	25777
2018	bb50f2e236e5eea0100680137654686c	330	69	22770
2017	99a4788cb24856965c36a24e339b6058	89	235	20915
2018	aca2eb7d00ea1a7b8ebd4e68314663af	69	263	18147
2017	fd0065af7f09af4b82a0ca8f3eed1852	1999	9	17991
2017	5f504b3a1c75b73d6151be81eb05bdc9	610	24	14640
2017	588531f8ec37e7d5ff5b7b22ea0488f8	1437	10	14370
2017	5769ef0a239114ac3a854af00df129e4	1680	8	13440
2018	6cdd53843498f92890544667809f1595	349	38	13262
2017	6cdd53843498f92890544667809f1595	349	35	12215
2018	5a848e4ab52fd5445cdc07aab1c40e48	122	95	11590

2

```

28  -----trending Lowest-----
29  SELECT top 5 S.SELLER_STATE AS STATES,SUM(O.PRICE) AS TOTAL_AMT ,
30  Year(o.shipping_limit_date) as year
31  FROM sellers_dataset AS S
32  INNER JOIN order_items_dataset AS O
33  ON S.seller_ID=O.seller_id
34  GROUP BY S.seller_state ,Year(o.shipping_limit_date)
35  ORDER BY SUM(O.PRICE)asc;

```

21 %

Results Messages

	STATES	TOTAL_AMT	year
1	CE	64	2016
2	ES	77	2016
3	BA	161	2016
4	RO	173	2018
5	PA	238	2018

3

```

38 -----Trending Top 5 -----
39 SELECT top 5 S.SELLER_STATE AS STATES,SUM(O.PRICE) AS TOTAL_AMT
40 FROM sellers_dataset AS S
41 INNER JOIN order_items_dataset AS O
42 ON S.seller_ID=O.seller_id
43 GROUP BY S.seller_state
44 ORDER BY SUM(O.PRICE) desc

```

121 %

Results Messages

	STATES	TOTAL_AMT
1	SP	8704855
2	PR	1256925
3	MG	1005828
4	RJ	840878
5	SC	630146

4

```

106 ----year wise order count
107 select count(order_id) as count_of_orders ,year(order_purchase_timestamp) as year
108 from orders_dataset
109 group by year(order_purchase_timestamp);
110

```

121 %

Results Messages

	count_of_orders	year
1	213	2016
2	29662	2017
3	35660	2018

5

```

85 ----Rating-----
86 select year (o.shipping_limit_date) as year,
87 count (ord.review_score)as total_review,ord.review_score as rating
88 from order_reviews_dataset as ord
89 join order_items_dataset as o
90 on o.order_id=ord.order_id
91 group by year(o.shipping_limit_date),ord.review_score
92 order by count (ord.review_score) desc

```

121 %

Results Messages

	year	total_review	rating
1	2018	35283	5
2	2017	28061	5
3	2018	11546	4
4	2017	9714	4
5	2018	8193	1
6	2017	5945	1
7	2018	5131	3
8	2017	4265	3
9	2018	2147	2
10	2017	1715	2
11	2016	179	5

6

```

14  -----Total Order With seller id
15  SELECT s.seller_state,COUNT(O.ORDER_ITEM_ID)  TOTAL_ORDER
16  FROM sellers_dataset AS S
17  INNER JOIN order_items_dataset AS O
18  ON S.seller_id=O.seller_id
19  GROUP BY S.seller_state,s.seller_state
20  order by COUNT(O.ORDER_ITEM_ID) desc ;
21

```

121 %

	seller_state	TOTAL_ORDER
1	SP	80342
2	MG	8827
3	PR	8671
4	RJ	4818
5	SC	4075
6	RS	2199
7	DF	899
8	BA	643
9	GO	520
10	PE	448
11	MA	405

7

```

63  ---Toatal sales in State in Year
64  select year(order_purchase_timestamp) as year,
65  customer_state,count(order_id)as total_orders
66  from orders_dataset as o
67  join
68  customers_dataset as c
69  on o.customer_id=c.customer_id
70  group by year(order_purchase_timestamp) ,customer_state
71  order by total_orders desc;
72

```

121 %

	year	customer_state	total_orders
1	2018	SP	15719
2	2017	SP	11738
3	2018	RJ	4369
4	2017	RJ	4114
5	2018	MG	4094
6	2017	MG	3462
7	2018	RS	1845
8	2018	PR	1824
9	2017	RS	1756
10	2017	PR	1470
11	2018	SC	1265