



Query 1 x TerpBuy



```
1  QUERY #1  
2 SELECT table_name, table_rows  
3 FROM information_schema.tables  
4 WHERE table_schema = 'terpbuy';  
5 /* RAJAT SAINI 03-01-2024*/
```

Result Grid



Filter Rows:

Export:



Wrap Cell Contents



	TABLE_NAME	TABLE_ROWS
▶	category	51
	customer	4384
	department	12
	order_line	4783
	orders	2152
	product	72

```

7  QUERY #2
8  SELECT product_name, product_price
9  FROM product
10 WHERE product_price > 100.00;
11 /* RAJAT SAINI 03-01-2024*/
    
```

Result Grid
 

 Filter Rows:
 Exports: 
 Wrap Cell Contents: 

	product_name	product_price
▶	Nike Mens CJ Elite 2 TD Football Cleat	129.99
	Diamondback Womens Serene Classic Comfort Bi	299.98
	Field & Stream Sportsman 16 Gun Fire Safe	399.98
	Pelican Sunstream 100 Kayak	199.99
	Web Camera	452.04
	Childrens heaters	357.10
	Dell Laptop	1500.00
	Industrial CONSUMER electronics	252.88
	Porcelain crafts	461.48
	DVDs	164.38
	Lawn mower	532.58
	First aid kit	293.04
	Mens gala suit	210.85
	Rock music	260.65
	Smart watch	327.75
	Summer dresses	215.82



Query 1 x TerpBuy



```

12 QUERY #3
13 SELECT first_name,last_name,city,segment,order_id,order_date
14 FROM
15     customer
16 INNER JOIN
17     orders ON orders.customer_id = customer.customer_id
18 WHERE state = 'FL';
19 /* RAJAT SAINI 03-01-2024*/
    
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	first_name	last_name	city	segment	order_id	order_date
▶	Laura	Smith	Winter Park	CORPORATE	20366	2018-10-24
	Linda	Murray	Pompano Beach	CORPORATE	20428	2018-10-25
	Mary	Smith	Tallahassee	CORPORATE	20492	2018-10-26
	Mary	Morrison	Brandon	HOME_OFFICE	20745	2018-10-29
	Jose	Smith	Miami	CORPORATE	20877	2018-10-31
	Patricia	Smith	Fort Lauderdale	CORPORATE	21239	2018-11-06
	Mary	Harris	Miami	CORPORATE	21278	2018-11-06
	Mary	Weaver	Miami	CONSUMER	22082	2018-11-18
	Mary	Holmes	Pompano Beach	CONSUMER	22082	2018-11-19
	James	Trevino	Miami	CONSUMER	22219	2018-11-20
	Katherine	Rogers	Hollywood	CONSUMER	22337	2018-11-22
	Mary	Shah	Winter Park	HOME_OFFICE	22999	2018-12-01
	Mary	Smith	Hollywood	CONSUMER	23000	2018-12-01
	Michael	Holloway	Fort Lauderdale	HOME_OFFICE	23072	2018-12-02
	Rose	Case	Brandon	CONSUMER	23244	2018-12-05
	Mary	Smith	Hialeah	CORPORATE	23300	2018-12-06
	Mary	Smith	Miami	CORPORATE	23466	2018-12-08
	Raymond	Smith	Lutz	CONSUMER	23579	2018-12-10
	Mary	Mercer	Tallahassee	CONSUMER	23681	2018-12-11
	Mary	Erickson	Opa Locka	CORPORATE	23712	2018-12-12
	Michael	Smith	Fort Lauderdale	CORPORATE	23881	2018-12-14
	Mary	Hutchinson	Pompano Beach	CONSUMER	23978	2018-12-16

Result 18 x

Output



Search



Limit to 1000 rows

```

20 QUERY #4
21 SELECT
22     p.product_name,
23     c.category_name,
24     d.department_name,
25     p.product_price
26 FROM
27     product p
28 JOIN
29     category c ON p.category_id = c.category_id
30 JOIN
31     department d ON p.department_id = d.department_id
32 WHERE
33     c.category_name IN ('Computers', 'Toys', 'Tennis & Racquet');
34 /* RAJAT SAINI 03-01-2024 */

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ☐

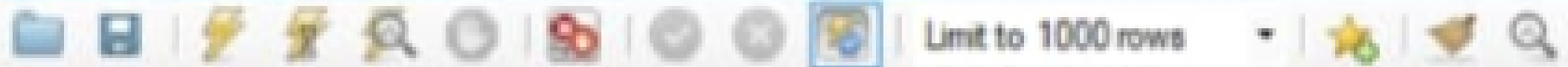
	product_name	category_name	department_name	product_price
▶	Nike Mens Comfort 2 Slide	Tennis & Racquet	Fitness	44.99
	Dell Laptop	Computers	Technology	1500.00
	Toys	Toys	Fan Shop	11.54


```
42 QUERY #6
43 SELECT order_city AS Shipped_City,
44        COUNT(*) AS Total_Shipping_Orders,
45        SUM(CASE WHEN order_status = 'Delayed' THEN 1 ELSE 0 END) AS Delayed_Shipping_Orders
46 FROM orders
47 GROUP BY Shipped_City
48 ORDER BY Total_Shipping_Orders DESC;
49 /* RAJAT SAINI 03-01-2024*/
```

Result Grid  Filter Rows: Export:  Wrap Cell Content: 

	Shipped_City	Total_Shipping_Orders	Delayed_Shipping_Orders
▶	Bangalore	76	0
	Delhi	72	0
	Mumbai	69	0
	Pune	68	0
	Chennai	62	0
	Kanpur	54	0
	Hyderabad	46	0
	Surat	46	0
	Visakhapatnam	42	0
	Gorakhpur	39	0
	Agra	39	0
	Ajmer	39	0
	Jaipur	36	0
	Lucknow	35	0
	Raipur	33	0
	Ludhiana	32	0
	Guwahati	31	0
	Aurangabad	31	0
	Nagpur	30	0
	Thane	30	0
	Jodhpur	29	0
	Chennai	27	0

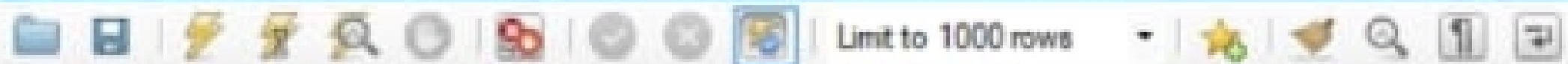
Query 1 x TerpBuy



```
50  QUERY #7
51 SELECT segment AS Customer_Segment,
52        COUNT(*) AS Customer_Count
53 FROM customer
54 GROUP BY Customer_Segment
55 ORDER BY Customer_Count DESC;
56 /* RAJAT SAINI 03-01-2024*/
```

Result Grid Filter Rows: | Exports: | Wrap Cell Contents:

	Customer_Segment	Customer_Count
	CONSUMER	2312
	CORPORATE	1312
	HOME_OFFICE	837



57 **QUERY #8**

58

59 `SELECT COUNT(*) AS Orders_Placed_First_Quarter`

60 `FROM orders`

61 `WHERE order_date >= '2021-01-01' AND order_date < '2021-04-01';`

62 `/* RAJAT SAINI 03-01-2024 */`

63

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	Orders_Placed_First_Quarter
▶	362


```

64 QUERY #9
65 SELECT state AS State
66 FROM customer
67 GROUP BY state
68 HAVING COUNT(DISTINCT segment) > 1
69 ORDER BY state ASC;
70 /* RAJAT SAINI 03-01-2024*/
    
```

Result Grid



Filter Rows:

Export:





Wrap Cell Content:





	State
▶	AR
	AZ
	CA
	CO
	CT
	DC
	DE
	FL
	GA
	HI
	IA
	ID
	IL
	IN
	KS
	KY
	LA
	MA
	MD
	MI
	MN
	MO
	MT

```
71  QUERY #10
72 SELECT c.first_name,
73        c.last_name,
74        c.street,
75        c.city,
76        c.state,
77        c.zipcode
78 FROM customer c
79 LEFT JOIN orders o ON c.customer_id = o.customer_id
80 WHERE c.segment = 'Corporate' AND o.order_id IS NULL
81 ORDER BY c.last_name, c.first_name;
82 /* RAJAT SAINI 03-01-2024*/
```


Result Grid

 Filter Rows:

Exports: 





Wrap Cell Contents: 

	first_name	last_name	street	city	state	zipcode
▶	BlueOneal		9279 Quaking Key	Caguas	PR	00725
	Peter	Acosta	1761 Noble Barn Heath	Caguas	PR	00725
	Eliana	Adams	7592 Heather Circuit	Detroit	MI	48221
	Ryan	Adams	1855 Silver Manor	East Brunswick	NJ	08816
	Sarah	Adams	2264 Silent Freeway	Salt Lake City	UT	84119
	Ethan	Alexander	4155 Bright Deer Line	La Crosse	La Crosse	54601
	Gregory	Allen	1906 Amber Dale	Morristown	NJ	07960
	Aphrodite	Alvarez	6179 Silver Alley	Caguas	PR	00725
	Mary	Anderson	6395 Colonial Berry Ledge	Caguas	PR	00725
	Samantha	Anderson	6715 Blue Run	San Jose	CA	95124
	Mary	Andrews	2912 Hidden Acres	Laredo	TX	78040
	Judy	Arnold	3836 Stony Point	Caguas	PR	00725
	Reagan	Avila	8987 Foggy Hill	Wayne	NJ	07470
	Kerry	Ayala	409 Tawny Range	Brooklyn	NY	11236
	Kevyn	Ayala	5516 Lazy Oak Path	Caguas	PR	00725
	Andrea	Baird	7415 Cotton Fox Corners	San Diego	CA	92126
	Mary	Baker	1795 Dusty Hills Village	Santa Cruz	CA	95060

83  QUERY #11

84 Execute the selected portion of the script or everything, if there is no selection

```
85 SELECT DISTINCT
86     c.first_name,
87     c.last_name,
88     c.street,
89     c.state,
90     c.zipcode,
91     o.order_date
92 FROM
93     customer c
94 JOIN
95     orders o ON c.customer_id = o.customer_id
96 JOIN
97     order_line ol ON o.order_id = ol.order_id
98 JOIN
99     product p ON ol.product_id = p.product_id
100 WHERE
101     p.product_name = 'Nike Mens Free 5.0+ Running Shoe';
102 /* RAJAT SAINI 03-01-2024*/
```

Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	first_name	last_name	street	state	zipcode	order_date
▶	Mary	Reynolds	4823 Broad Route	OR	97045	2018-10-23
	Mary	Smith	3385 Cotton Wharf	CA	95051	2018-10-24
	Wayne	Hardy	4132 Broad Gate Lane	TX	75150	2018-10-24
	Nicholas	Smith	603 Green Sky Promenade	LA	70072	2018-10-24
	Louis	Bishop	5192 Foggy Elk Village	PR	00725	2018-10-24
	Jonathan	Costa	849 Noble Apple Private	CA	91402	2018-10-25
	Mary	Smith	5340 Quaking Panda Forest	FL	32308	2018-10-26

Limit to 1000 rows

```

102      /* RAJAT SAINI  03-01-2024*/
103      QUERY #12
104
105      SELECT
106          c.first_name,
107          c.last_name,
108          o.order_id,
109          ol.total_price AS order_amount
110      FROM
111          customer c
112      JOIN
113          orders o ON c.customer_id = o.customer_id
114      JOIN
115          order_line ol ON o.order_id = ol.order_id
116      WHERE
117          ol.total_price > (SELECT AVG(total_price) FROM order_line)
118      ORDER BY
119          c.last_name, c.first_name,o.order_id;

```

Result Grid

Filter Rows:

Exports

Wrap Cell Content:

Fetch rows:

	first_name	last_name	order_id	order_amount
▶	Huff		76886	215.82
	Deborah	Abbott	72674	260.65
	Indigo	Abbott	74958	461.48
	Lesley	Abbott	71858	532.58
	Mary	Acevedo	29686	210.00
	Mary	Acevedo	29686	399.98
	Mary	Adams	29544	399.98
	Mary	Adams	29544	299.95
	Mary	Adkins	26716	399.98
	Mary	Adkins	26716	220.00