

Find the average amount paid by the top 5 customers

Query Query History

1 SELECT AVG(total_amount_paid.total_amount_paid) AS average_amount_paid

2 FROM (SELECT a.customer_ID, a.first_name, a.last_name, c.city,

3 d.country, SUM(e.amount) AS total_amount_paid

4 FROM customer a

5 INNER JOIN address B ON a.address_id = b.address_id

6 INNER JOIN city c ON b.city_id = c.city_id

7 INNER JOIN country d ON c.country_id = d.country_id

8 INNER JOIN payment e ON a.customer_id = e.customer_id

9 WHERE c.city IN ('Aurora','Atlixco','Xintai','Adoni','Dhule (Dhulia)','Kurashiki',

10 'Pingxiang','Sivas','Celaya','So Leopoldo')

11 GROUP BY a.customer_ID, c.city, d.country

12 ORDER BY total_amount_paid DESC

13 LIMIT 5) AS total_amount_paid

Data output Messages Notifications

	average_amount_paid	numeric
1	107.3540000000000000	

Find out how many of the top 5 customers are based within each country

Query Query History

1 SELECT d.country,

2 COUNT(DISTINCT a.customer_id) AS all_customer_count,

3 COUNT(DISTINCT top_5_customers) AS top_customer_count

4 FROM customer a

5 LEFT JOIN address B ON a.address_id = b.address_id

6 LEFT JOIN city c ON b.city_id = c.city_id

7 LEFT JOIN country d ON c.country_id = d.country_id

8 LEFT JOIN payment e ON a.customer_id = e.customer_id

9 LEFT JOIN (SELECT a.customer_ID, a.first_name, a.last_name, city.city, country.country, SUM(payment.amount) AS total_payment

10 FROM customer a

11 INNER JOIN address ON a.address_id = address.address_id

12 INNER JOIN city ON address.city_id = city.city_id

13 INNER JOIN country ON city.country_id = country.country_id

14 INNER JOIN payment ON a.customer_id = payment.customer_id

15 WHERE city.city IN ('Aurora','Atlixco','Xintai','Adoni','Dhule (Dhulia)','Kurashiki',

16 'Pingxiang','Sivas','Celaya','So Leopoldo')

17 GROUP BY a.customer_ID, city.city, country.country

18 ORDER BY total_payment DESC

19 LIMIT 5) AS top_5_customers ON a.customer_id = top_5_customers.customer_id

20 GROUP BY d.country

21 ORDER BY all_customer_count DESC LIMIT 5

Data output Messages Notifications

	country	all_customer_count	top_customer_count
	character varying (50)	bigint	bigint
1	India	60	1
2	China	53	0
3	United States	36	1
4	Japan	31	0
5	Mexico	30	2