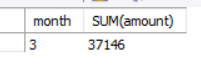
Lead Gen Business Queries

1. What query would you run to get the total revenue for March of 2012?

SELECT MONTH(charged\_datetime) as month, SUM(amount)

FROM billing

WHERE MONTH(charged\_datetime) = 3;

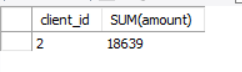


2. What query would you run to get total revenue collected from the client with an id of 2?

SELECT client\_id, SUM(amount)

FROM billing

WHERE client\_id =2;



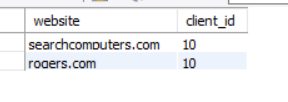
3. What query would you run to get all the sites that client=10 owns?

SELECT sites.domain\_name as website, clients.client\_id

FROM sites

JOIN clients ON clients.client\_id = sites.client\_id

WHERE clients.client\_id = 10;



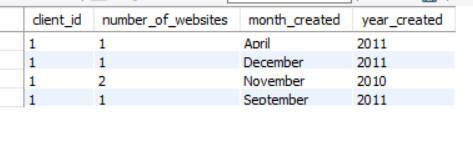
4. What query would you run to get total # of sites created per month per year for the client with an id of 1? What about for client=20?

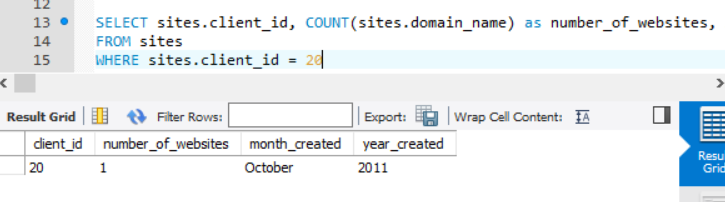
SELECT sites.client\_id, COUNT(sites.domain\_name) as number\_of\_websites, MONTHNAME(created\_datetime) as month\_created, YEAR(created\_datetime) as year\_created

FROM sites

WHERE sites.client\_id = 1

GROUP BY MONTHNAME(created\_datetime);





5. What query would you run to get the total # of leads generated for each of the sites between January 1, 2011 to February 15, 2011?

SELECT sites.domain\_name AS website, COUNT(leads.leads\_id) as number\_of\_leads, leads.registered\_datetime

FROM sites

JOIN leads ON sites.site\_id = leads.site\_id

WHERE leads.registered\_datetime BETWEEN '2011-01-01' AND '2011-02-15'

GROUP BY sites.domain\_name;

GET THIS RESULTS

6. What query would you run to get a list of client names and the total # of leads we've generated for each of our clients between January 1, 2011 to December 31, 2011?

SELECT CONCAT(clients.first\_name," ",clients.last\_name) as client\_name, COUNT(leads.leads\_id) as number\_of\_leads

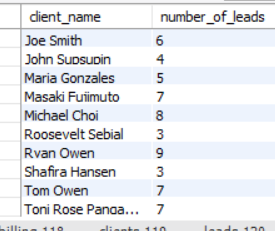
FROM clients

JOIN sites ON clients.client\_id = sites.client\_id

JOIN leads ON sites.site\_id = leads.site\_id

WHERE DATE(registered\_datetime) BETWEEN '2011-01-01' AND '2011-12-31'

GROUP BY CONCAT(clients.first\_name," ",clients.last\_name);



7. What query would you run to get a list of client names and the total # of leads we've generated for each client each month between months 1 - 6 of Year 2011?

SELECT CONCAT(clients.first\_name,' ',clients.last\_name) as client\_name, COUNT(leads.leads\_id) as number\_of\_leads, MONTHNAME(leads.registered\_datetime) as month\_generated

FROM clients

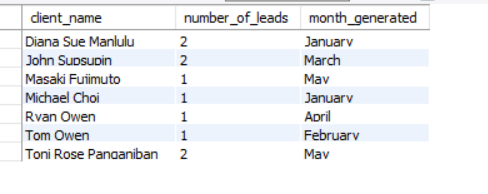
JOIN sites ON clients.client\_id = sites.client\_id

JOIN leads ON sites.site\_id = leads.site\_id

WHERE MONTH(leads.registered\_datetime) BETWEEN 1 AND 6

AND YEAR(leads.registered\_datetime) = '2011'

GROUP BY CONCAT(clients.first\_name," ",clients.last\_name);



8. What query would you run to get a list of client names and the total # of leads we've generated for each of our clients' sites between January 1, 2011 to December 31, 2011? Order this query by client id.  Come up with a **second** query that shows all the clients, the site name(s), and the total number of leads generated from each site for all time.

9. Write a single query that retrieves total revenue collected from each client for each month of the year. Order it by client id.

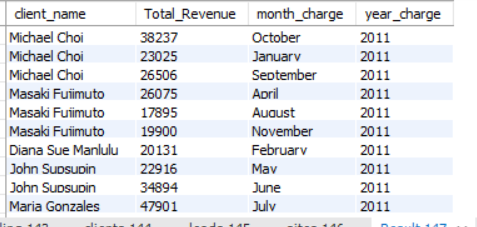
SELECT CONCAT(clients.first\_name,' ',clients.last\_name) as client\_name, SUM(billing.amount) as Total\_Revenue, MONTHNAME(billing.charged\_datetime) as month\_charge, YEAR(billing.charged\_datetime) as year\_charge

FROM clients

JOIN billing ON clients.client\_id = billing.client\_id

GROUP BY billing.amount

ORDER BY clients.client\_id;



10. Write a single query that retrieves all the sites that each client owns. Group the results so that each row shows a new client. It will become clearer when you add a new field called 'sites' that has all the sites that the client owns. (HINT: use GROUP\_CONCAT)