Homework 2

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Soon after joining Google's elite dev team, Area 120, you were assigned to a project using MySQL since it was your specialty. The project was a social media platform specialized in allowing developers from all over the globe to connect to each other, and it would have features similar to Facebook. For your first task, you have been assigned to work one the tables of one of the project databases. the table name is "users" which is shown below.

id	name	email	influence_count	member_since	multiplier
1	Taylor Otwell	otwell@laravel.com	739360	2020-6-10	10
2	Ryan Dahl	ryan@nodejs.org	633632	2020-04-22	10
3	Brendan Eich	eich@javascript.com	939570	2020-05-07	8
5	Evan You	you@vuejs.org	982630	2020-06-11	7
6	Rasmus Lerdorf	lerdorf@php.net	937927	2020-06-3	8
7	Guido van Rossum	guido@python.org	968827	2020-07-18	19
8	Adrian Holovaty	adrian@djangoproject.com	570724	2020-05-07	5

9	Simon Willison	simon@djangoproject.com	864615	2020-04-30	4
10	James Gosling	james@java.com	719491	2020-05-18	5
11	Rod Johnson	rod@spring.io	601744	2020-05-18	7
12	Satoshi Nakamoto	nakamoto@blockchain.com	630488	2020-05-10	10

Write the queries of the tasks given below.

1. Find all the unique multipliers in the table and show them in descending order.
2. Show all the unique dates of the users joining in ascending order.
3. Find all ids and email addresses where the TLD (Top Level Domain) is ‘com’ (ends with ‘com’)
4. Show the name and email of the latest 5 members
5. Find the total number of users in the table.
6. Count number of users in each multiplier who has joined after the month "April"
7. Find the average length of all the names.
8. Find the number of unique TLDs of email addresses.
9. Show the users according to their joining date (the user who joined first will be at the top and so on)
10. Show the name of the user who has the highest influence_count among the users joined after May 2020
11. Show the name of the user with the maximum multiplier among the users whose influencer counts are less than 700000.
12. Find all the unique multipliers among the members whose influence count is less than 900000.
13. Find the average of the influence count but only consider the members who joined before 11 June 2020.
14. Find the id, name, email, and multiplier of those members whose influence count is within the range 700000 and 990000 and who has become a member of the platform after 18 May 2020.
15. Retrieve the id, name, email, and influence count of the users who have all these characters - "u,o,v,n,s,m" in their name.

You have to submit the queries in the following google form:

Click here to submit the homework

Solve all the problems in your machine, and then submit the queries in this form. You can submit only once.

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