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1  --Players' percentage contribution in Company's pure income. In other words,
2  --in which percentage company earn from clients loses
3  --contribution = total_placed - total_payout
4  --company_pure_income = contribution of all clients
5  --(How much money in percentage better left in company losing)
6
7  create or replace view view_j_a2019156557 as
8
9  select c.client_id,
10         c.name,
11         c.surname,
12         round(
13             -- calculate client contribution
14             (client_sum_bet.total - client_sum_payout.total) /
15             -- divide by
16             (
17                 -- calculate all company pure income
18                 -- total money placed by clients - total money paid out
19                 (select sum(b.money_placed) from bets b) -
20                 (select round(sum(p.money),2) from payouts p)
21             ) * 100,2) as precetnage_contribution
22
23 from clients c,
24     (
25     -- get client_id with all money placed by this client
26     select b.client_id as b_client_id,
27            sum(b.money_placed) as total
28     from bets b
29     group by b.client_id
30     ) client_sum_bet,
31     (
32     -- get client_id with all money won (paid by company) by this client
33     select p.client_id as p_client_id,
34            round(sum(p.money),2) as total
35     from payouts p
36     group by p.client_id
37     ) client_sum_payout
38
39 -- connect total sum and payouts from clients
40 where c.client_id = client_sum_bet.b_client_id and
41        c.client_id = client_sum_payout.p_client_id
42 order by precetnage_contribution desc;
43
44
45
46

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