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Mikiko Mckean Bazeley
                                                                                         æ
                                                                             E
                                       is admin
                                FROM arvindr12.dummy_users) AS t2
                        13
                               ON (t1.user_id = t2.user_id)
                            WHERE t1.event_type='sign_up'
                        14
                            group by 1
                        16
                        17
(+)
                        18
                        19
                             # Task 4B: [TABLE] Composition of Admin/Non-Admin
                            SELECT t1.company_type,
t1.company_id,
TE
                        20
                        21
                                     (CASE WHEN t1.is_admin='true' then t1.count_users else 0 END) AS admin_num,

(CASE WHEN t1.is_admin='false' then t1.count_users else 0 END) AS nonadmin_num,

(((CASE WHEN t1.is_admin='true' then t1.count_users else 0 END))+

((CASE WHEN t1.is_admin='false' then t1.count_users else 0 END))) as total_users,
                        22
TU
                        23
                        24
TC
                        25
                                      round((CASE WHEN t1.is_admin='true' then t1.count_users else 0 END)/
                        26
                                      (((CASE WHEN t1.is_admin='true' then t1.count_users else 0 END))+
((CASE WHEN t1.is_admin='false' then t1.count_users else 0 END)))*100) perc_admins
                        27
TC
                        28
                             FROM
TS
                        30
                               (SELECT company_type,
                        31
                                        company_id,
                                         is_admin,
TT
                        33
                                        count(user_id) AS count_users
                                FROM arvindr12.dummy_users
                        34
                        35
                                GROUP BY 1,
TU
                        36
                                           2.
                        37
                                           3) t1
TA
                        38
                        39
                        40
                            # Task 4B: Composition of Admin/Non-Admin - Total
                        41
                        42
                            SELECT round(avg(t2.admin num)) as mean admin num.
TT
                                     round(avg(t2.nonadmin_num)) as mean_nonadmin_num,
                        44
                                     round(avg(t2.total_users)) as mean_total_users,
TT
                                     min(t2.perc_admins) as min_perc_admins,
round(avg(t2.perc_admins)) as mean_perc_admins,
                        45
                        46
                        47
                                     max(t2.perc_admins) as max_perc_admins
                             FROM
                        48
                               (SELECT t1.company_type,
                        50
                                         t1.company_id,
                                         (CASE
                        51
                                              WHEN t1.is_admin='true' then t1.count_users
                        52
                        53
                                              FLSE 0
                                          END) AS admin_num,
                        54
                                         (CASE
                        55
                                              WHEN t1.is_admin='false' then t1.count_users
                        56
                        57
                                              ELSE 0
                        58
                                          END) AS nonadmin_num,
                        59
                                         (((CASE
                        60
                                                WHEN t1.is_admin='true' then t1.count_users
                        61
                                                 ELSE 0
                        62
                                            END))+ ((CASE
                                                           WHEN t1.is_admin='false' then t1.count_users
                        64
                                                           FLSE 0
                        65
                                                      END))) AS total_users,
                                         round((CASE
                        67
                                                     WHEN t1.is_admin='true' then t1.count_users
                                                     ELSE 0
                        68
                        69
                                                 END)/ (((CASE
                        70
                                                                WHEN t1.is_admin='true' then t1.count_users
                        71
                                                                ELSE 0
                        72
                                                           END))+ ((CASE
                                                                          WHEN t1.is_admin='false' then t1.count_users
                        73
                        74
                                                                          ELSE 0
                        75
                                                                      END)))*100) perc_admins
                        76
                                FROM
                        77
                                   (SELECT company_type,
                        78
                                            company_id,
                        79
                                            is admin.
                        80
                                            count(user_id) AS count_users
                        81
                                    FROM arvindr12.dummy_users
                                    GROUP BY 1,
                        82
                        83
                        84
                                              3) t1) t2
                        85
                        86
                        87
                             # Task 4B: Composition of Admin/Non-Admin by Company Type
                        88
                        89
                            #-- The Sales Managers come to you with a set of guestions:
                        90
                             -- "How often is the user who signs up a company for the product also an admin of that company?
                            -- Also, what is the typical breakdown of Admins/Non-Admins at companies?"
-- Help them answer these questions and deliver the answers with
                        92
                        93
                                enough context and nuance as you feel is appropriate. Make sure to also show the code you used to
                        95
                                obtain these answers
                            -- Also, what is the typical breakdown of Admins/Non-Admins at companies?'
                        96
                            SELECT t2.company_type,
round(avg(t2.admin_num)) as mean_admin_num,
                        98
                        99
                                     round(avg(t2.nonadmin_num)) as mean_nonadmin_num,
                       100
                       101
                                     round(ava(t2 total users)) as mean total users
```