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1 with
2 ordered_study as (
3   select * from dim_session_n_study_details
4 ),
5 users as (
6   select * from users_non_testers
7 ),
8 course_completions as (
9   select * from course_completions_by_account_subscription_and_user
10 ),
11 arr_tiers as (
12   select * from arr_tiers
13 ),
14 seat_type as (
15   select * from users_by_seat_type
16 ),
17 events as (
18   select * from EVENTS_BASE
19 ),
20
21 ordered_study_by_user as (
22   select
23     u.uid as user_uuid,
24     u.id as user_id,
25     u.email,
26     u.first_name,
27     u.last_name,
28     sns.subscription_uuid,
29     sns.sfdc_account_id,
30     sns.sfdc_account_name,
31     sns.subscription_start_date,
32     sns.subscription_end_date,
33     min(sns.date_ordered) as first_ordered_study_date,
34     count(distinct sns.study_id) as num_studies
35   from
36     ordered_study sns
37     left join users u
38     on sns.orderer_id = u.id
39   group by
40     1, 2, 3, 4, 5, 6, 7, 8, 9, 10

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41 ),
42 first_event as (
43     select
44         user_id,
45         min(event_date) as first_event_date
46     from events
47     group by 1
48 ),
49 course_completions_by_user as (
50     select
51         case when os.user_uuid is null then cc.user_uuid else os.user_uuid end as user_uuid,
52         os.user_id,
53         case when os.email is null then cc.username else os.email end as email,
54         os.first_name,
55         os.last_name,
56         os.subscription_uuid,
57         os.subscription_start_date,
58         os.subscription_end_date,
59         os.sfdc_account_id,
60         os.sfdc_account_name,
61         e.first_event_date,
62         cc.first_course_completion as first_course_completion_date,
63         case when cc.jumpstart_completions = 0 then 'No' else 'Yes' end as jumpstart_completions,
64         cc.first_jumpstart_completion as first_jumpstart_completion_date,
65         case when cc.ilt_completions = 0 then 'No' else 'Yes' end as ilt_completions,
66         cc.first_ilt_completion as first_ilt_completion_date,
67         case when cc.live_labs_completions = 0 then 'No' else 'Yes' end as live_labs_completions,
68         cc.first_live_labs_completion as first_live_lab_completion_date,
69         case when cc.on_demand_completions = 0 then 'No' else 'Yes' end as on_demand_completions,
70         cc.first_on_demand_completion as first_on_demand_completion_date,
71         case when cc.foundational_certificate_completions = 0 then 'No' else 'Yes' end as foundational_certificate_completions,
72         cc.first_foundational_certificate_completion as first_foundational_certificate_completion_date,
73         os.first_ordered_study_date,
74         case when os.num_studies is null then 0 else os.num_studies end as num_studies,
75         case when cc.course_completions is null then 0 else cc.course_completions end as num_course_completions,
76         datediff(day, cc.first_course_completion, os.first_ordered_study_date) as Course_To_StudyOrdered_Days,
77         datediff(day, os.subscription_start_date, cc.first_course_completion) as SubStart_To_CourseCompleted_Days,
78         datediff(day, os.subscription_start_date, os.first_ordered_study_date) as SubStart_To_OrderedStudy_Days,
79         s.pricing_basis,
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80     s.user_role
81 from
82     ordered_study_by_user os
83     left join course_completions cc
84     on cc.username = os.email
85     and cc.subscription_uuid = os.subscription_uuid
86     left join seat_type s
87     on os.email = s.email
88     and os.subscription_uuid = s.subscription_uuid
89     inner join first_event e
90     on os.user_id = e.user_id
91 where
92     cc.subscription_uuid is not null --Only 80% of the docebo users can be tied to a subscription, 20% has null subscription_uuid
93     ),
94
95 -- Bring in UPA Live Name, Segment, Region, Manage at Scale, ARR Tier Filters
96 arr_t as (
97     select cc.*,
98         arr.upa_name_live,
99         arr.month,
100        arr.live_segment,
101        arr.region,
102        case when arr.managed_at_scale = 1 then 'Yes' when arr.managed_at_scale = 0 then 'No' else 'Null' end as managed_at_scale,
103        arr.arr_tier
104 from course_completions_by_user cc
105     left join arr_tiers arr
106     on cc.sfdc_account_id = arr.account_id
107     and date_trunc('month', cc.subscription_start_date) = date_trunc('month', arr.month) --ARR tier's month is month end & we need to join by
108     -- month beginning in order for the join to work on both sub and month
109 ),
110
111 -- A flag for overlapping subscription in the CTE
112 overlap_subscription_by_user as (
113     select
114         arrco.*,
115         case when arrco.overlap_sub = 1 then 'No' else 'Yes' end as overlap_subscription
116 from

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117  (
118  |   select
119  |     *,
120  |     row_number() over(partition by user_id, sfdc_account_id, subscription_start_date
121  |       ORDER BY subscription_start_date, subscription_end_date desc -- rank accounts that have the same sub start date asc and sub end date desc,
122  |       -- where the latest sub end date ranks as 1 and any other overlap sub will rank as 2 and onwards
123  |     ) overlap_sub --find overlap subscription; 1 is unique, 2+ is overlap
124  |   from
125  |     arr_t
126  |   ) arrco
127  )
128
129  select
130
131  *
132  from overlap_subscription_by_user
133  order by
134  user_id,
135  sfdc_account_id,
136  subscription_end_date desc
137  ;
138
```