--рахує всю інфу про аккаунти

WITH account\_details AS(

SELECT s.date,

sp.country,

a.send\_interval,

a.is\_verified,

a.is\_unsubscribed,

COUNT(DISTINCT acs.account\_id) AS account\_cnt

FROM `DA.account\_session` acs

JOIN `DA.account` a

ON a.id = acs.account\_id

JOIN `DA.session\_params` sp

ON acs.ga\_session\_id = sp.ga\_session\_id

JOIN `DA.session` s

ON acs.ga\_session\_id = s.ga\_session\_id

GROUP BY 1,2,3,4,5),

--рахує всю інфу о розсилках на емейл

email\_details AS (

SELECT date\_add(s.date, INTERVAL es.sent\_date DAY) AS date,

sp.country,

a.is\_verified,

a.is\_unsubscribed,

a.send\_interval,

COUNT(es.id\_message) AS sent\_msg,

COUNT(eo.id\_message) AS open\_msg,

COUNT(ev.id\_message) AS visit\_msg

FROM `DA.email\_sent` es

LEFT JOIN `DA.email\_open` eo

ON es.id\_message = eo.id\_message

LEFT JOIN `DA.email\_visit` ev

ON es.id\_message = ev.id\_message

JOIN `DA.account\_session` acs

ON es.id\_account = acs.account\_id

JOIN `DA.session` s

ON acs.ga\_session\_id = s.ga\_session\_id

JOIN `DA.session\_params` sp

ON s.ga\_session\_id = sp.ga\_session\_id

JOIN `DA.account` a

ON acs.account\_id = a.id

GROUP BY 1,2,3,4,5),

union\_cte AS (

SELECT date,

country,

send\_interval,

is\_verified,

is\_unsubscribed,

account\_cnt,

0 AS sent\_msg,

0 AS open\_msg,

0 AS visit\_msg

FROM account\_details

union all

SELECT date,

country,

send\_interval,

is\_verified,

is\_unsubscribed,

0 AS account\_cnt,

sent\_msg,

open\_msg,

visit\_msg

FROM email\_details

),

--групування перших двух запитів та додавання window функцій

count\_cte AS (

SELECT date,

country,

send\_interval,

is\_verified,

is\_unsubscribed,

SUM(account\_cnt) AS account\_cnt,

SUM(sent\_msg) AS sent\_msg,

SUM(open\_msg) AS open\_msg,

SUM(visit\_msg) AS visit\_msg

FROM union\_cte

GROUP BY 1,2,3,4,5),

-- створення кількісних віндоу функцій

window\_cte AS(

SELECT date,

country,

send\_interval,

is\_verified,

is\_unsubscribed,

account\_cnt,

sent\_msg,

open\_msg,

visit\_msg,

SUM(account\_cnt) over(partition by country) AS total\_country\_account\_cnt,

SUM(sent\_msg) over(partition by country) AS total\_country\_sent\_cnt,

FROM count\_cte),

-- створення рангових віндоу функцій

rank\_cte AS (

SELECT date,

country,

send\_interval,

is\_verified,

is\_unsubscribed,

account\_cnt,

sent\_msg,

open\_msg,

visit\_msg,

total\_country\_account\_cnt,

total\_country\_sent\_cnt,

dense\_rank() over(order by total\_country\_account\_cnt desc) AS rank\_total\_country\_account\_cnt,

dense\_rank() over( order by total\_country\_sent\_cnt desc) AS rank\_total\_country\_sent\_cnt

FROM window\_cte

)

-- кінцевий результат

SELECT date,

country,

send\_interval,

is\_verified,

is\_unsubscribed,

account\_cnt,

sent\_msg,

open\_msg,

visit\_msg,

total\_country\_account\_cnt,

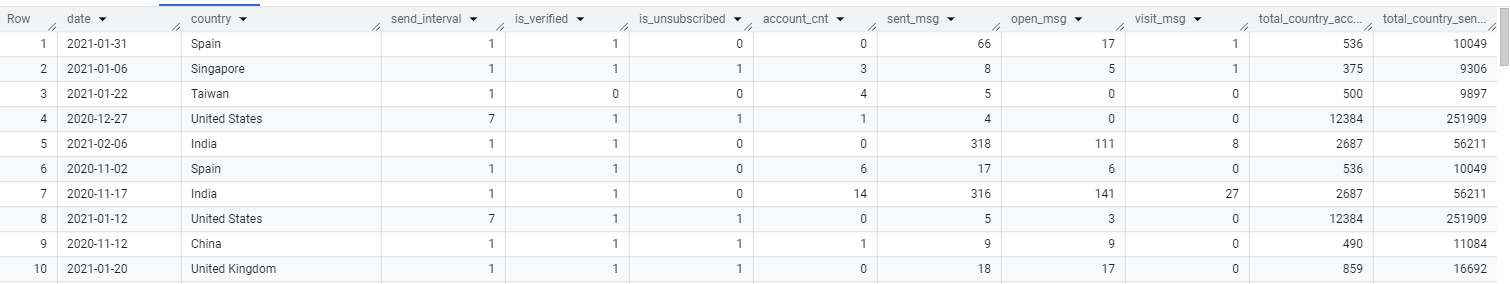
total\_country\_sent\_cnt,

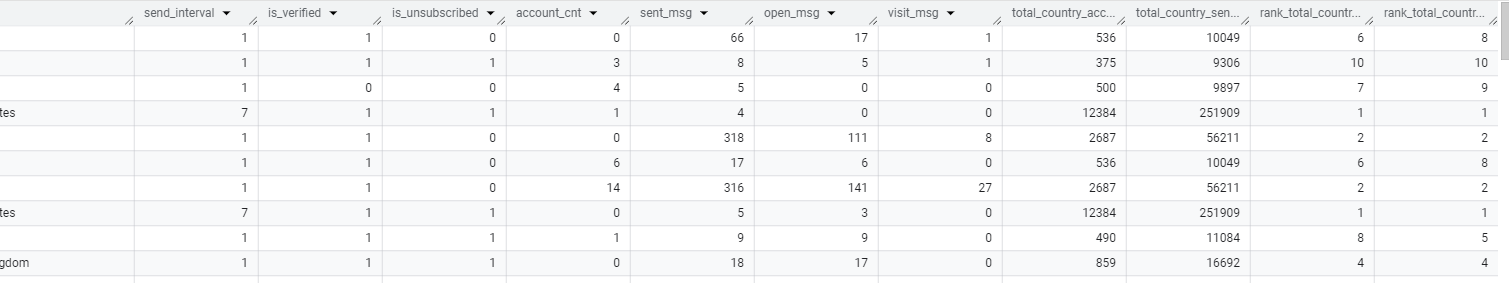
rank\_total\_country\_account\_cnt,

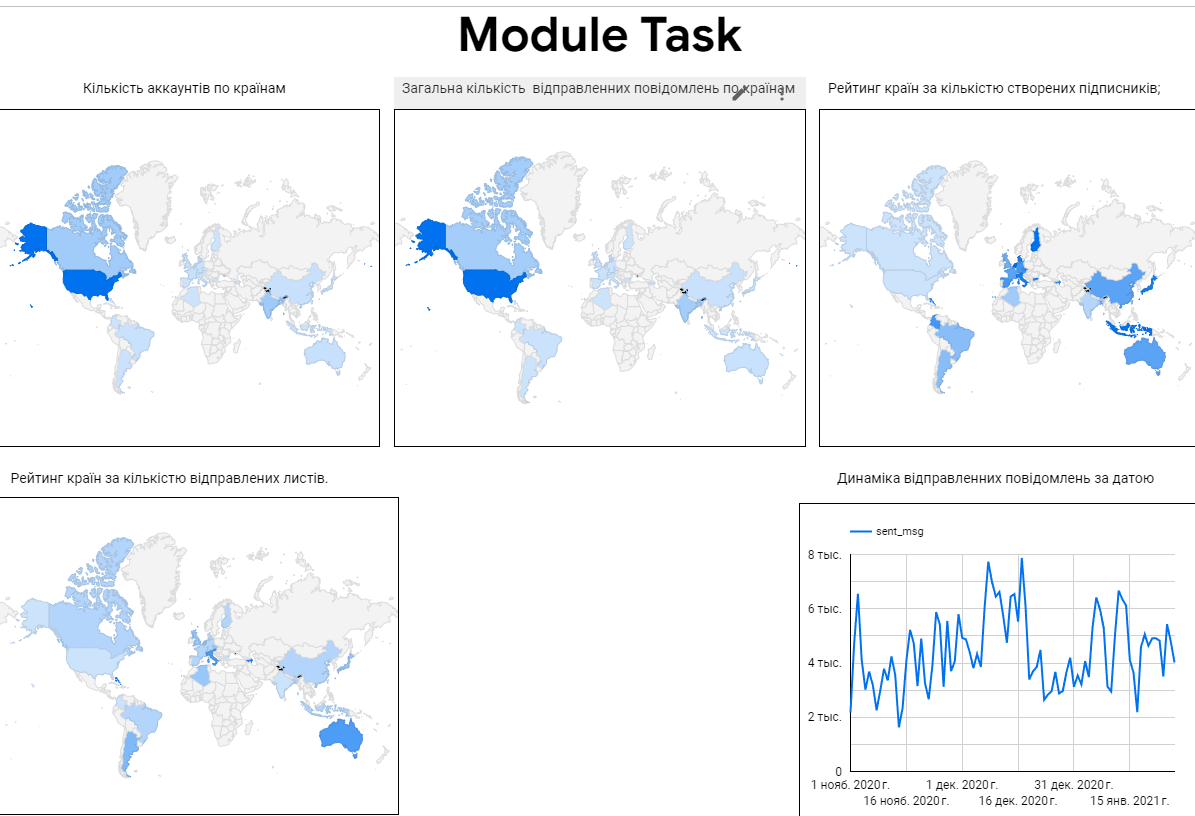
rank\_total\_country\_sent\_cnt

FROM rank\_cte

WHERE rank\_total\_country\_account\_cnt <=10 AND rank\_total\_country\_sent\_cnt <= 10







**Посилання на візуалізацію:  
https://lookerstudio.google.com/reporting/dd75f657-9b8d-4953-8fa3-25eb8c355046**