CREATE TABLE countryRank AS

SELECT row\_number() over(partition BY r.name ORDER BY cntr.area DESC) as rank, con.name as continent, r.name as region, cntr.name as name, cntr.area as area,cntr.country\_code3 as country\_code3,

CASE

WHEN cntr.national\_day is NULL THEN 'no data'

WHEN cntr.national\_day> CURDATE() THEN CURDATE()

ELSE cntr.national\_day

END as nday

FROM countries cntr

INNER JOIN regions r on cntr.region\_id=r.region\_id

INNER JOIN continents con on con.continent\_id=r.continent\_id

GROUP BY continent, region, name, area,country\_code3,nday

ORDER BY con.name, r.name, cntr.area DESC

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text

Description automatically generated



Для избежания дублирования данных можно при создании либо позже добавить ограничения UNIQUE, для избежания NULL значения добавить ограничение NOT NULL и задать дефолтное значение