SELECT P.type\_page, L.Region1 AS Region, COUNT(ADV.Id\_action) AS nbrActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON ADV.Id\_visit = V.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

WHERE Region IN (SELECT L.Region1 AS Region, COUNT(ADV.Id\_action) AS nbrActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON ADV.Id\_visit = V.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

ORDER BY nbrActions DESC LIMIT 1)

GROUP BY P.Type\_page, Region

ORDER BY P.Type\_page;

SELECT P.type\_page, L.Region1 AS Region, COUNT(ADV.Id\_action) AS nbrActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON ADV.Id\_visit = V.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

GROUP BY P.Type\_page, Region

ORDER BY nbrActions DESC LIMIT 1;

SELECT P.type\_page, MAX(nbrActions) AS maxActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN (

SELECT Id\_action, COUNT(\*) AS nbrActions

FROM ActionsVisites

GROUP BY Id\_action

) AV ON A.idaction = AV.Id\_action

GROUP BY P.type\_page;

SELECT P.type\_page, L.Region1 AS Region, MAX(nbrActions) AS maxActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON V.Id\_visit = ADV.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

JOIN (

SELECT Id\_action,COUNT(\*) AS nbrActions

FROM ActionsVisites ADV

GROUP BY Id\_action

) AV ON A.idaction = AV.Id\_action

GROUP BY P.type\_page, Region

HAVING MAX(nbrActions) = maxActions;

SELECT P.type\_page, L.Region1 AS Region, MAX(nbrActions) AS maxActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON V.Id\_visit = ADV.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

JOIN (SELECT L.Region1, COUNT(ADV.Id\_action) AS nbrActions

FROM Localisations L

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

GROUP BY P.Type\_page) R1 ON P.Type\_page = R1.type\_page

GROUP BY P.type\_page, Region

HAVING MAX(nbrActions) = maxActions;

SELECT DISTINCT(P.type\_page), L.Region1 AS Region, MAX(nbrActions) AS maxActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON V.Id\_visit = ADV.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

JOIN (SELECT P.Type\_page, L.Region1, COUNT(ADV.Id\_action) AS nbrActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON V.Id\_visit = ADV.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

GROUP BY P.type\_page, L.Region1) R ON L.Region1 = R.Region1

GROUP BY P.type\_page, Region

HAVING MAX(nbrActions) = maxActions

ORDER BY maxActions DESC;

SELECT L.Region1, COUNT(ADV.Id\_action) AS nbrActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON V.Id\_visit = ADV.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

GROUP BY L.Region1

ORDER BY nbrActions DESC;

SELECT P.Type\_page, L.Region1, COUNT(ADV.Id\_action) AS nbrActions FROM Pages P JOIN Actions A ON P.Id\_page = A.idpage JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action JOIN Visites V ON V.Id\_visit = ADV.Id\_visit JOIN Localisations L ON V.Location\_city = L.Id GROUP BY P.type\_page, L.Region1 ORDER BY nbrActions DESC;

Create View R2 AS

SELECT P.type\_page, MAX(ADV.Id\_action) AS maxActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON V.Id\_visit = ADV.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

GROUP BY P.Type\_page;

SELECT R2.type\_page, L.Region1, COUNT(ADV.Id\_action) AS nbrActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON V.Id\_visit = ADV.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

JOIN R2 ON R2.type\_page = P.Type\_page

WHERE COUNT(ADV.Id\_action) = R2.maxActions

GROUP BY R2.type\_page, L.Region1;

[SELECT](http://lakartxela.iutbayonne.univ-pau.fr/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/select.html) result1.Type\_page, result1.Region1, r4.maxi FROM result1 join r4 on result1.Type\_page = r4.Type\_page join Localisations on result1.Region1 = Localisations.Region1 join Visites on Visites.Location\_city = Localisations.Id join ActionsVisites adv ON adv.Id\_visit = Visites.Id\_visit group by result1.Type\_page, result1.Region1 HAVING r4.maxi = [COUNT](http://lakartxela.iutbayonne.univ-pau.fr/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.7/en/aggregate-functions.html%23function_count)(adv.ID\_action);

SELECT result1.Type\_page, result1.Region1, result1.nbrActions

FROM result1

JOIN R2 ON result1.Type\_page = R2.type\_page

WHERE result1.nbrActions = R2.maxActions

GROUP BY result1.Type\_page, result1.Region1;

SELECT P.Type\_page, MAX(result1.nbrActions)

FROM result1

CREATE VIEW … AS

SELECT P.type\_page, L.Region1, COUNT(ADV.Id\_action) AS nbrActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON V.Id\_visit = ADV.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

GROUP BY P.Type\_page, L.Region1;

CREATE VIEW … AS

SELECT result1.Type\_page, MAX(result1.nbrActions)

FROM result1

GROUP BY result1.Type\_page;

SELECT result1.Type\_page, result1.Region1, pg.maxmax

FROM result1

JOIN pg ON result1.Type\_page = pg.Type\_page

WHERE pg.maxmax = result1.nbrActions

GROUP BY result1.Type\_page, result1.Region1

Requete 3

SELECT P.type\_page, COUNT(ADV.Id\_action) AS nbrActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON ADV.Id\_visit = V.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

WHERE L.Region1 = 'Normandie'

GROUP BY P.Type\_page

ORDER BY COUNT(ADV.Id\_action) DESC LIMIT 4;

CREATE VIEW VueHiver AS

SELECT P.type\_page, L.Region1, COUNT(ADV.Id\_action) AS nbrActions

FROM Pages P

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON A.idaction = ADV.Id\_action

JOIN Visites V ON V.Id\_visit = ADV.Id\_visit

JOIN Localisations L ON V.Location\_city = L.Id

WHERE ADV.Server\_time BETWEEN '%-12-20%' AND '%-03-20%'

GROUP BY P.Type\_page, L.Region1;

CREATE VIEW VueActionsHiver AS

SELECT VueHiver.Type\_page, MAX(VueHiver.nbrActions) as maxi

FROM VueHiver

JOIN Pages P ON P.Type\_page = VueHiver.Type\_page

JOIN Actions A ON P.Id\_page = A.idpage

JOIN ActionsVisites ADV ON ADV.Id\_action = A.idaction

WHERE ADV.Server\_time BETWEEN '%-12-20%' AND '%-03-20%'

GROUP BY VueHiver.Type\_page;

SELECT VueHiver.Type\_page, VueHiver.Region1, VueActionsHiver.maxi

FROM VueHiver

JOIN VueActionsHiver ON VueHiver.Type\_page = VueActionsHiver.Type\_page

WHERE VueActionsHiver.maxi = VueHiver.nbrActions

GROUP BY VueHiver.Type\_page, VueHiver.Region1;

VueHiver = ActRegionHiver

VueActionsHiver = MaxActPageHiver

SELECT ADV.Id\_visit, P.Type\_page

FROM ActionsVisites ADV

JOIN Actions A ON A.idaction = ADV.Id\_action

JOIN Pages P ON A.idpage = P.Id\_page

WHERE ADV.Server\_time LIKE '%-12-%'

OR ADV.Server\_time LIKE '%-01-%'

OR ADV.Server\_time LIKE '%-02-%'